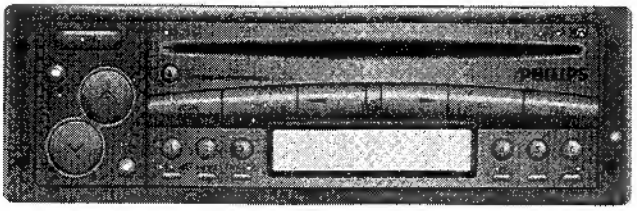
CD Car Radio 90DC932/00
90DC942/00

Service
Service
Service



For repair information of the CDM-9 Mechanism see Service Manual of CDM-9 MOD-4 4822 725 23506.

Service Manual

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CLASS 1 LASER PRODUCT

Published by Philips Car Systems Printed in The Netherlands

4822 725 23431

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Technical Specifications

General

Power Supply	:	10.5 - 16.0V
Quiescent Current	:	1mA
Fuse	:	10A (DC942)
		7.5A (DC932)

Radio

FM	:	87.5 - 108MHz, grid : 100kHz (manual/search)
LW	:	144 - 288kHz, grid : 1kHz (manual/search)
MW	:	522 - 1602kHz, grid : 9kHz (manual/search)
SW	:	5950 - 6250MHz, grid : 1kHz (manual/search)
IF	:	10.7MHz
Search Tuning Time	:	5 seconds (AM/FM)
α - 3dB	:	$5 \pm 2\mu V$
FM sensitivity for 30dB S/N	:	$\leq 5\mu V$
MW sensitivity for 26dB S/N	:	$\leq 150\mu V$
LW sensitivity for 26dB S/N	:	$\leq 190\mu V$
SW sensitivity for 26dB S/N	:	$\leq 125\mu V$
SNR FM	:	$\geq$ 56dB
SNR AM	:	$\geq$ 46dB

CDM9

Frequency	:	30 - 16kHz
SNR	:	75dB
Distortion	:	0.5% at 1kHz
Channel crosstalk	:	30dB at 1kHz

Amplifier

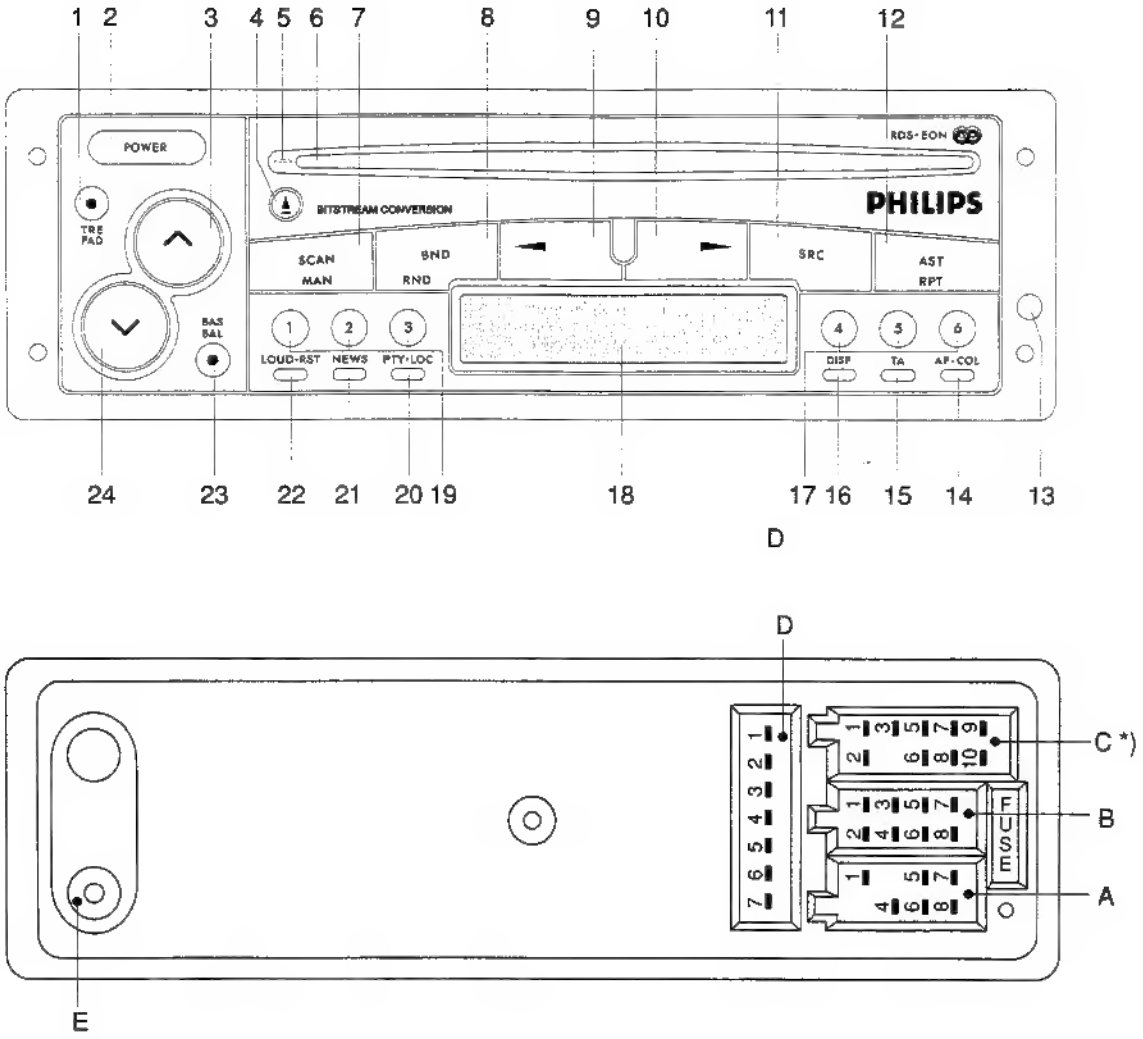
Output Power (D=10%)	:	4x7W ± 1dB/4Ω (DC932)
	:	4x20W ± 1dB/4Ω (DC942)
Loudness	:	± 6dB at 60Hz
Bass	:	± 20dB at 60Hz
Treble	:	± 8dB at 10kHz
Channel Separation	:	$\geq$ 40dB
Line out	:	500mV ± 2dB

WARNING 

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.
When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

Controls

1.	Treble Fader	Brief press : Adjustment with ∧ and ∨ Long press : Adjustment with ∧ and ∨
2.	Power	Set on/off
3.	∧	Audio Mode Control Up
4.	CD Eject	
5.	CD Opening Indicator	
6.	CD Opening	
7.	Scan/Manual Radio mode CD mode	 Brief press : Search and tuned for 10 sec on the preset in the current waveband. Long press : For manual tuning with ∧ and ∨ Select and play each track for 10 sec.
8.	Band/Random Radio mode CD mode	 Select waveband Play the disc in a random order
9.	Button Up	
10.	Button Down	
11.	Source	Brief press : Source select Long press : To enter 'INIT' mode
12.	Autostore/Repeat Radio mode CD Mode	 Automatically store the best 6 station on the current waveband (except SW) Repeat Function
13.	Button Release	
14.	Alternative Freq. Colour	Brief press : Set Continuously check a list of alternating frequency for the tuned radio frequency system and continuously select the best frequency. Long press : To change the colour
15.	Traffic Announcement	Traffic announcement on/off
16.	Display	
17.	Preset 4 - 6	
18.	Liquid Crystal Display	
19.	Preset 1 - 3	
20.	Program Type Local	Long press : Set can detect and select the type of programme being transmitted. Brief press : Radio search for strong station and then weak station.
21.	News	Priority given to news bulletins
22.	Loudness Audio Reset	Brief press : To increase the high and low notes at low volume setting. Long press : To reset the treble, bass, fader and balance setting to their mid-position.
23.	Bass Balance	Brief press : Adjustment with ∧ and ∨ Long press : Adjustment with ∧ and ∨
24.	∨	Audio Mode Control Down



Connections

A1 : Telephone Mute
A4 : Permanent Plus
A5 : Auto Antenna
A6 : External Illumination
A7 : Ignition on-off
A8 : Power GND

B1 : Rear Right +
B2 : Rear Right Return -
B3 : Front Right +
B4 : Front Right Return -
B5 : Front Left +
B6 : Front Left Return -
B7 : Rear Left +
B8 : Rear Left Return -

C1 : D2B GND
C2 : D2B+
C3 : D2B-
C5 : CDCC Supply
C6 : GND
C7 : Switched +
C8 : Line-In Right
C9 : Line-in Left
C10 : Line-in Gnd

D1 : Remote Plus
D2 : Booster Detect
D3 : Line-out GND
D4 : Line-out FR
D5 : Line-out RR
D6 : Line-out FL
D7 : Line-out RL

E : Aerial Connection

*) Block C only applicable for DC942

Service Hints

Detachable Front unit

The detachable front unit is part of the car Radio. Hence it is necessary that the customer always bring the complete set (with detachable unit) when service is needed. This statement was also printed in the Instruction For Use.

Power IC stage

It is necessary to remove the main pcb from the frame assembly if you need to change any power IC stage component. See Tuner Module IC91 Grounding (Figure 1) before removing frame assembly.

Software

The software of the set is splitted into two Parts : one in the front microprocessor and the other one in the main microprocessor. Make sure when changing a front or main microprocessor that both main and front are software compatible.

Software compatibly between front and main microprocessor can be verify by reading the 'checksum' of the microprocessor (main and front). A table stating the different checksum related to the software release and compatibility will be issued regularly in service newsletters.

To read the 'checksum' of the microprocessor (main and front):

Power on the set, press simultaneously the preset 1 and preset 6 keys. Two 4 digits number appear on the display :

first 4 digits : checksum of main microprocessor
second 4 digits : checksum of the front microprocessor

You will have to wait for about 5 second before the set goes back to the normal mode. Power off and on the set will also reset the set to the normal mode.

General

Switch off power supply before connect and disconnect CDM 9 module and set to prevent short circuit.

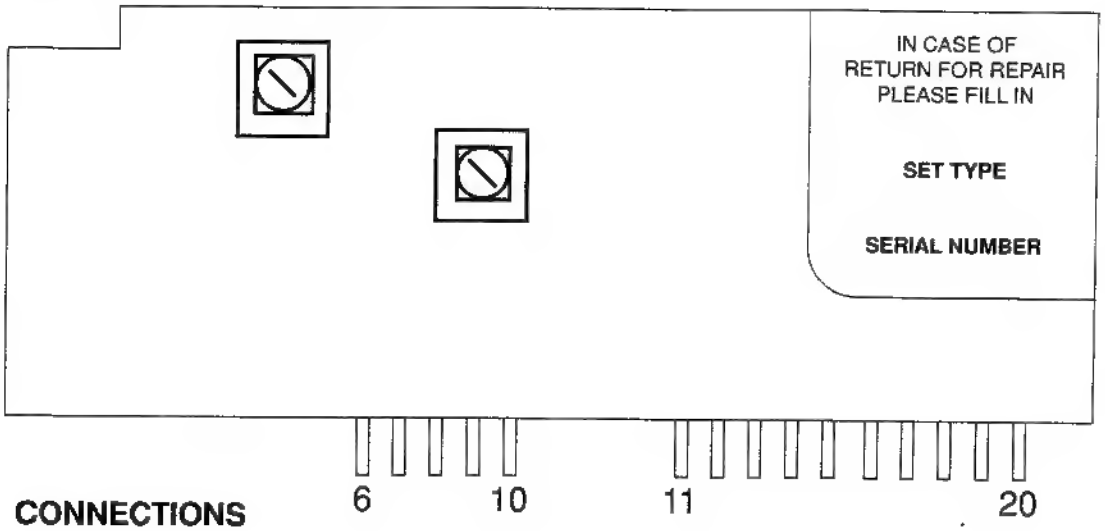
Do not try to load or eject when CDM 9 is in upside-down position, only play functions are possible.

Extension cables for CDM 9 are not available as service parts. You can build these by using the coded cable assy, item 21 (4822 321 62188).

For more information about the RDS-feature use the computerbased training course RDS, which is available at Philips Consumer Service.

Contact Philips Consumer Service
I.S.C. Training
Building SBP 6
P.O. Box 218
5600 MD Eindhoven
The Netherlands
Tel : 31-40-736294
Fax : 31-40-733553
Telex : NLMEVAB

TUNER MODULE IC 91

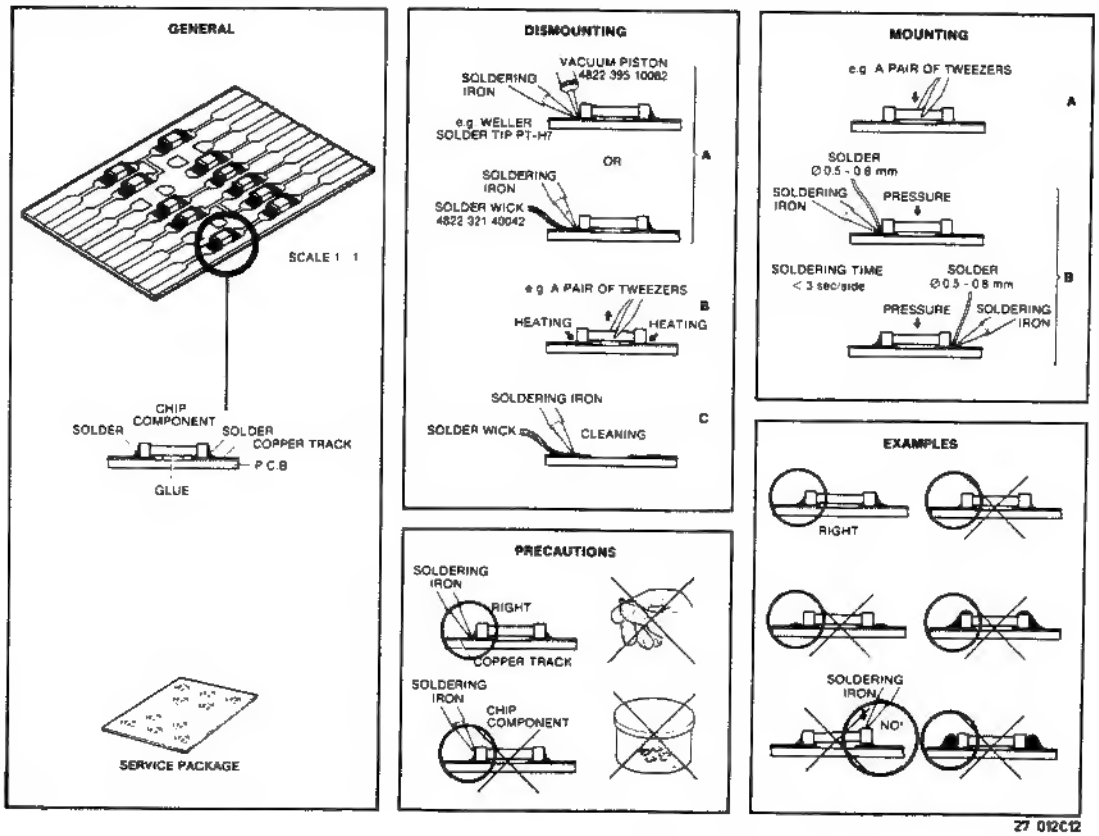


CONNECTIONS

1 - 5 NO CONNECTIONS
6 INLOCK_DET
7 VCC 8.5V
8 V_REFERENCE
9 V_REFERENCE
10 REF_LEVEL
11 MPX_RDS
12 MULTIPATH
13 SDA
14 SCL
15 PACS_OFF
16 RADIO_LEFT
17 RADIO_RIGHT
18 GROUND
19 NO CONNECTION
20 NO CONNECTION

DO NOT OPEN AND TRY TO REPAIR MODULE YOURSELF!
Send defective modules to Philips Consumer Service in Eindhoven, according to the Central Repair procedure.

HANDLING CHIP COMPONENTS



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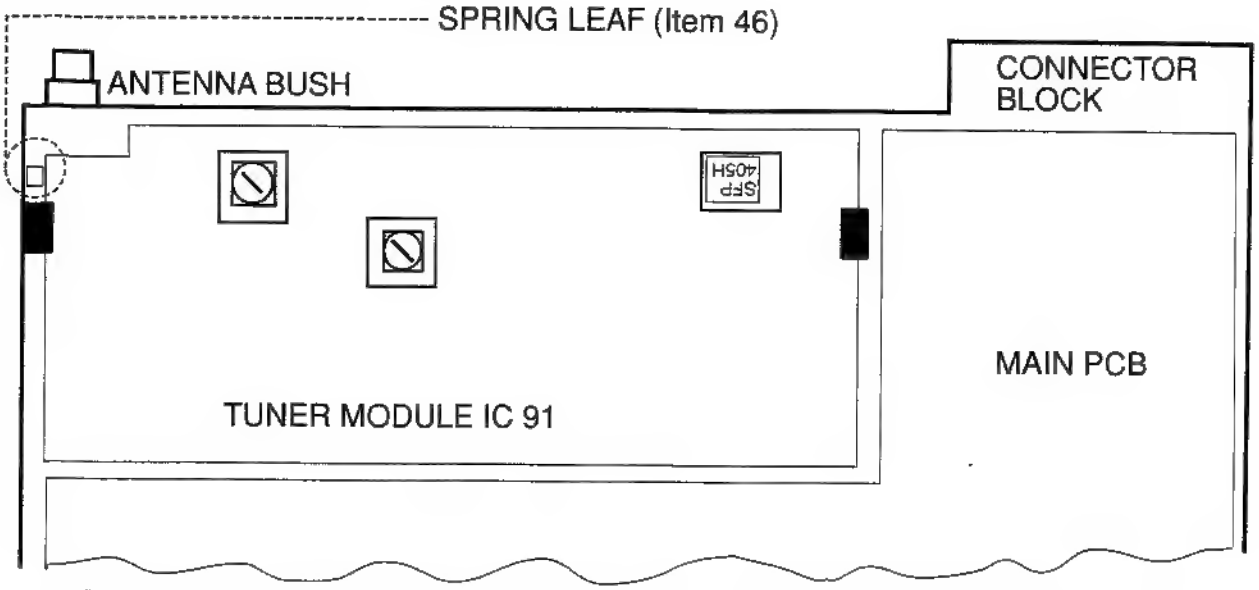
CHECK TABLE

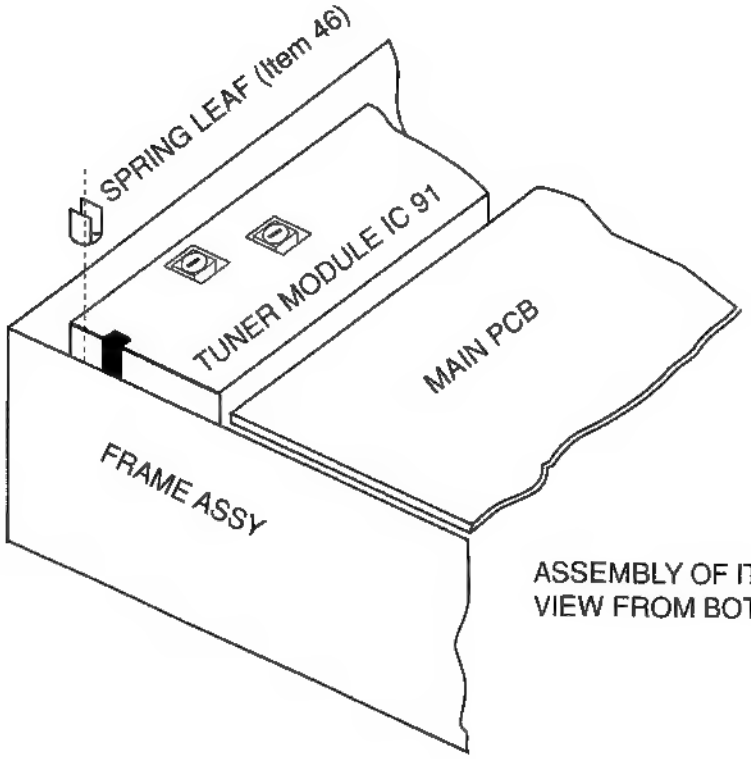
For more information see general information " General alignment procedures for car radio"

Check	SK				Setting of controls	
30 dB SNR	FM	93 MHz, 5 µV Δ f = 22.5 kHz f mod. = 1 kHz	B			1 0 dB (775 mV)
		93 MHz, 5 µV Δ f = 22.5 kHz without mod.				1 ≥ 30 dB
26 dB SNR	MW	1053 kHz, 150 µV 1 kHz, 30% AM	A			1 0 dB (775 mV)
		1053 kHz, 150 µV without mod.				1 ≥ 26 dB
26 dB SNR	LW	207 kHz, 190 µV 1 kHz, 30% AM	A			1 0 dB (775 mV)
		207 kHz, 190 µV without mod.				1 ≥ 26 dB
26 dB SNR	SW	6100 kHz, 125 µV 1 kHz, 30% AM	A			1 0 dB (775 mV)
		6100 kHz, 125 µV without mod.				1 ≥ 26 dB
SNR FM	FM	93 MHz, 1 mV Δ f = 22.5 kHz f mod. = 400Hz	B			1 0 dB (775 mV)
		93 MHz, 1 mV Δ f = 22.5 kHz without mod.				1 - 56 dB
SNR MW	MW	1053 kHz, 10mV 1 kHz, 30% AM	A			1 0 dB (775 mV)
		1053 kHz, 10mV without mod.				1 - 46 dB
SNR LW	LW	207 kHz, 10mV 1 kHz, 30% AM	A			1 0 dB (775 mV)
		207 kHz, 10mV without mod.				1 - 46 dB
α – 3 dB	FM	93 MHz, 1 mV Δ f = 22.5 kHz f mod. = 400 Hz	B			1 0 dB (775 mV)
		93 MHz, 5 µV Δ f = 22.5 kHz f mod. = 400 Hz				1 - 3 dB

TUNER MODULE IC91 GROUNDING



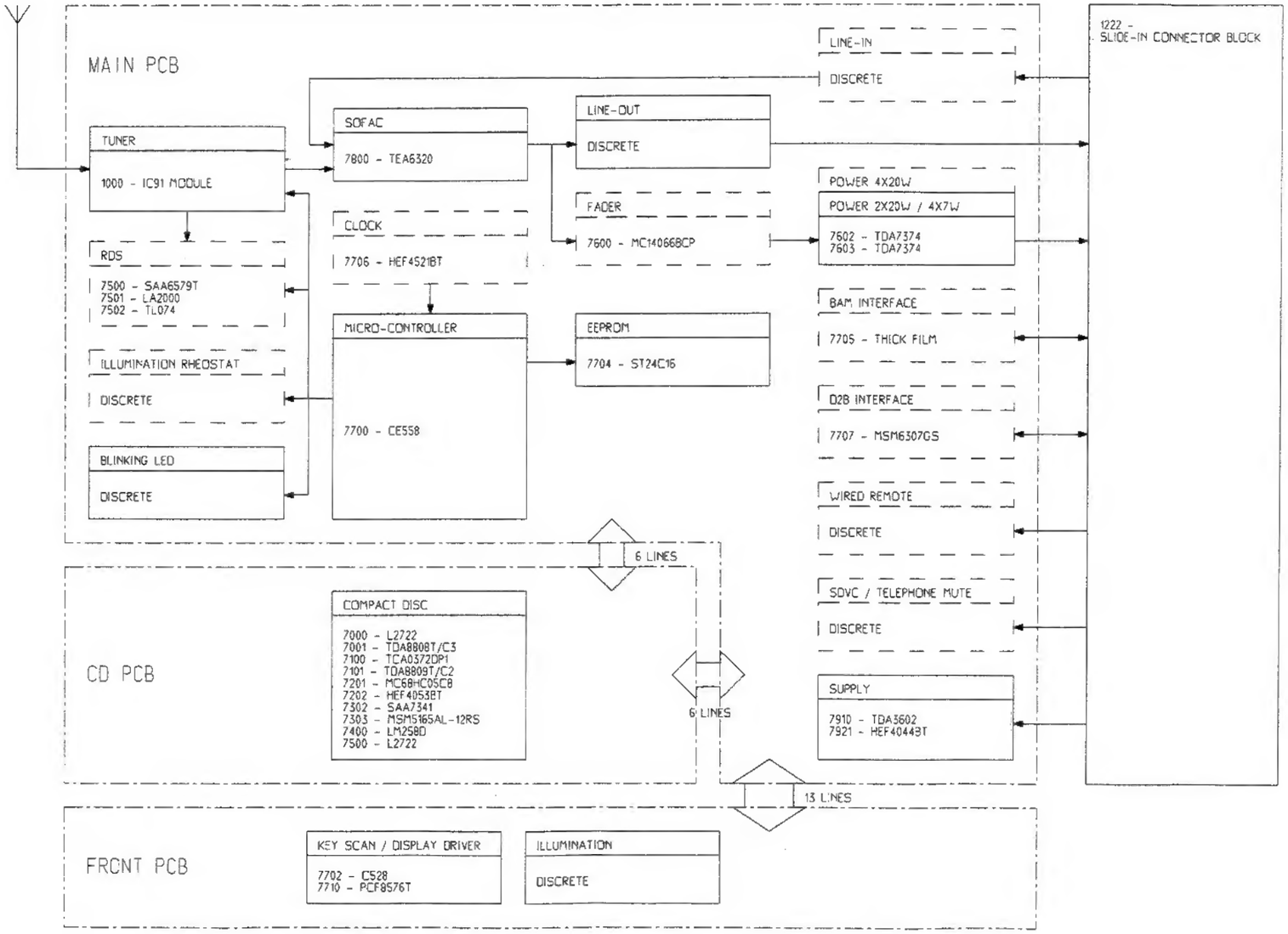
Item 46 spring leaf serve as an electrical grounding for Tuner Module IC 91. It will **drop out** when you remove the frame assy . Remove spring leaf before removing frame assembly from the main pcb to prevent it from dropping out. It is necessary to assemble back the spring leaf after repair.



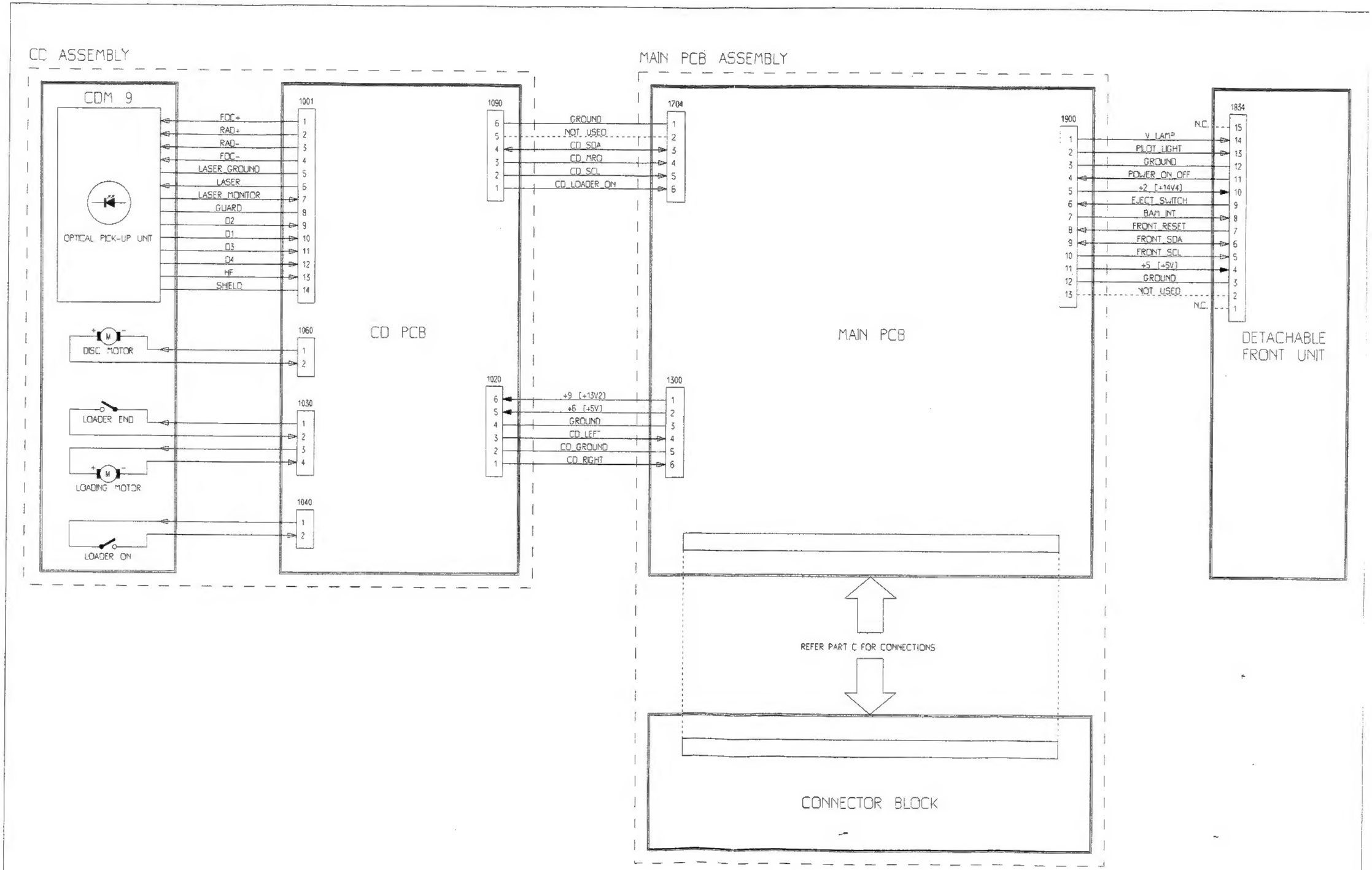
ASSEMBLY OF ITEM 46 SPRING LEAF
VIEW FROM BOTTOM OF SET

Figure 1

PART A : ELECTRICAL ARCHITECTURE

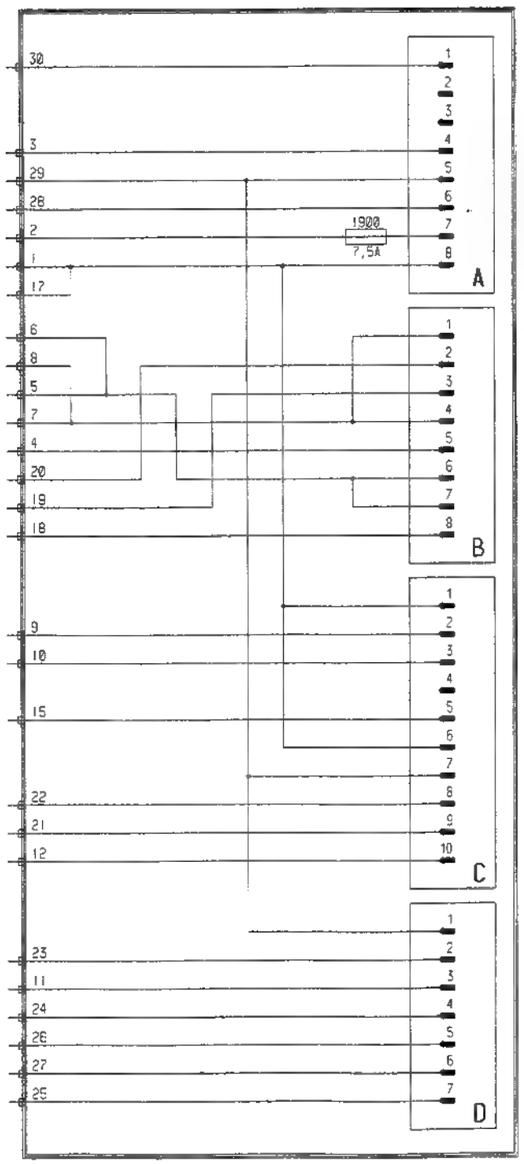


PART B : WIRING DIAGRAM



PART C : CONNECTOR BLOCK

DC932 4X7W / 2X20W CONNECTOR BLOCK



TELEPHONE MUTE / SDVC
N.C.
N.C.
PERMANENT SUPPLY
AUTO AERIAL
PILOT / EXTERNAL ILLUMINATION
IGNITION SUPPLY
POWER GROUND

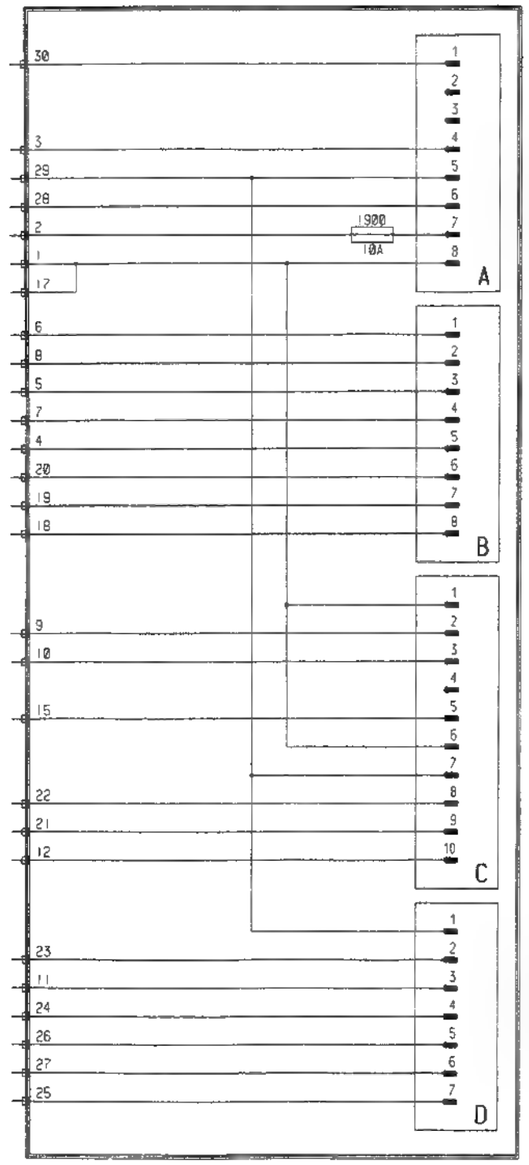
REAR RIGHT
FRONT RIGHT
FRONT LEFT
REAR LEFT

D2B GROUND
D2B+
D2B-
N.C.
CDCC SUPPLY
GROUND
SWITCHED SUPPLY
LINE-IN RIGHT
LINE-IN LEFT
LINE-IN GROUND

REMOTE SUPPLY
BOOSTER DETECT / REMOTE 1
LINE-OUT GROUND / REMOTE GROUND
LINE-OUT FRONT RIGHT / REMOTE 2
LINE-OUT REAR RIGHT
LINE-OUT FRONT LEFT / BAM+
LINE-OUT REAR LEFT / BAM-

FOR DC932/00, DC932/318 (4X7W ONLY)

DC942 4X20W CONNECTOR BLOCK



TELEPHONE MUTE / SDVC
N.C.
N.C.
PERMANENT SUPPLY
AUTO AERIAL
PILOT / EXTERNAL ILLUMINATION
IGNITION SUPPLY
POWER GROUND

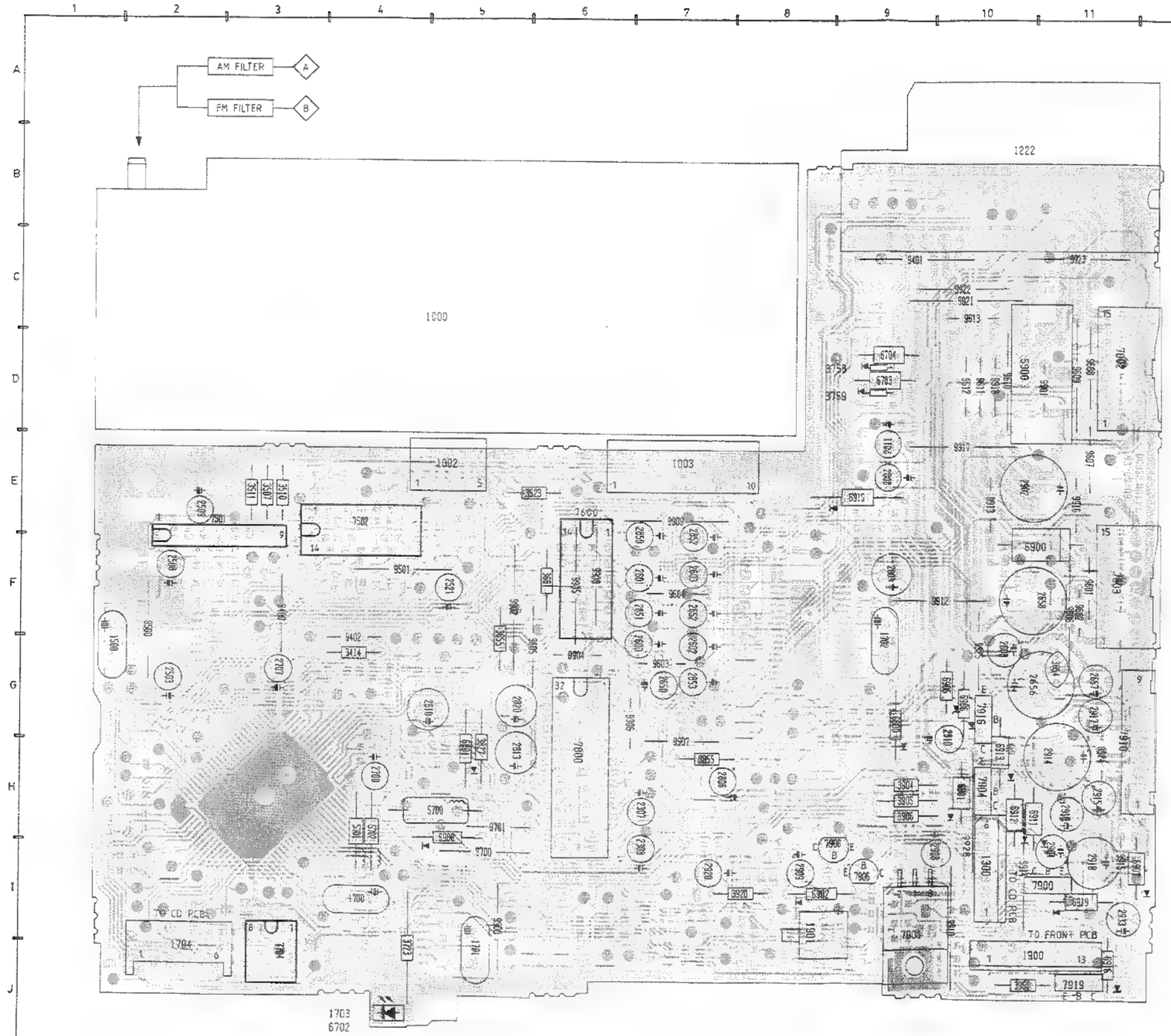
REAR RIGHT
FRONT RIGHT
FRONT LEFT
REAR LEFT

D2B GROUND
D2B+
D2B-
N.C.
CDCC SUPPLY
GROUND
SWITCHED SUPPLY
LINE-IN RIGHT
LINE-IN LEFT
LINE-IN GROUND

REMOTE SUPPLY
BOOSTER DETECT / REMOTE 1
LINE-OUT GROUND / REMOTE GROUND
LINE-OUT FRONT RIGHT / REMOTE 2
LINE-OUT REAR RIGHT
LINE-OUT FRONT LEFT / BAM+
LINE-OUT REAR LEFT / BAM-

FOR DC942/00 ONLY

MAIN BOARD (NON-CHIP)

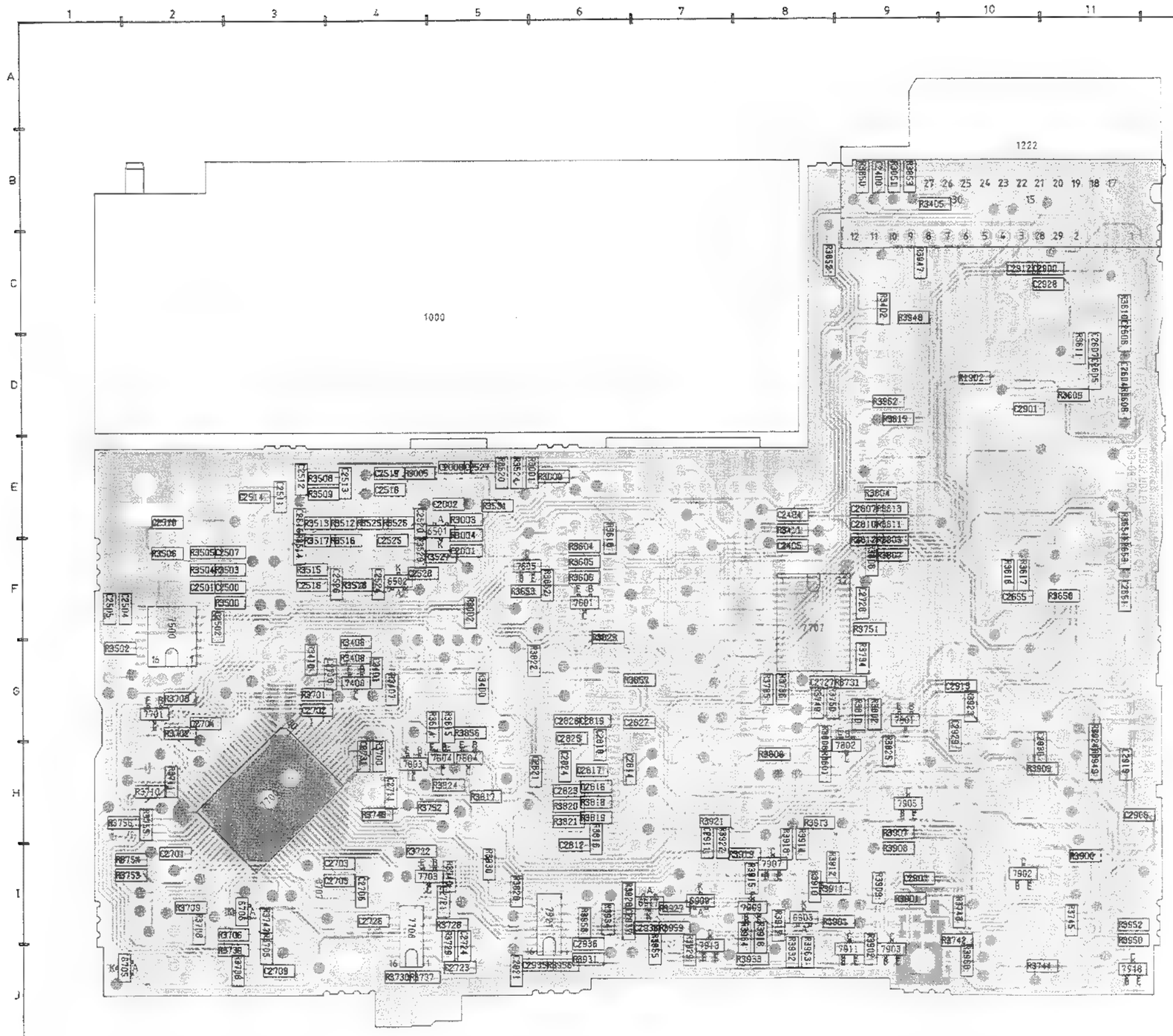


1000	C5	6702	J4
1002	E5	6703 *	D9
1003	E7	6704 *	D9
1222	B10	6800 *	G9
1300	I10	6801	H5
1500	G1	6900	F11
1700	I4	6901	H10
1701	J5	6902	I8
1702 *	F9	6905	G10
1703	J4	6906	G10
1704	J2	6907	I11
1900	J10	6908	H5
1901	I8	6910	E9
2307	H7	6911	H10
2308	I7	6912	H10
2503	G2	6913	H10
2508	F2	6916	J11
2509	E2	6919	I11
2521	F5	7501	F2
2600	G7	7502	E4
2601	F7	7600 #	E6
2602 #	G7	7602	D11
2603 #	F7	7603 *	F11
2608	G10	7704	J3
2610	G5	7800	H6
2650 *	G7	7900	I11
2652 *	F7	7901	I9
2656	G10	7904	H10
2657 *	G11	7906	I9
2658	F10	7908	I8
2700	H4	7910	G11
2707	G3	7916	G10
2806 *	H7	7919	J11
2808 *	E9	9400	F3
2809 *	F8	9401	C9
2811 *	E9	9402	F4
2813	H5	9500	F2
2820	G6	9501	F4
2850	E7	9501 *	F11
2851	F7	9502 #	F11
2852	E7	9503 *	G7
2853 -	G7	9504 *	F7
2902	E10	9505	G6
2904	I11	9506	F11
2908	I10	9507	E11
2909	I8	9508	D11
2910	G10	9509	D11
2914	H11	9510	D10
2915	H11	9511	D10
2916	H11	9512	D10
2917	G11	9513	C10
2918	I11	9700	I5
2920	I7	9701	H5
2933	I11	9900	I5
3414	G4	9901	D11
3507	E3	9902	F5
3510	E3	9904	G6
3511	E3	9905	F6
3523	E6	9906	G5
3654 *	G11	9907	G7
3655 *	F5	9908	F6
3661	F6	9909	E7
3723	J4	9910	I10
3758 *	D9	9912	F10
3759 *	D9	9913	E10
3827	H5	9914	I10
3855 *	H7	9915	I11
3904	H9	9916	E11
3905	H9	9917	E10
3906	H9	9918	D10
3920	I8	9921	C10
3951	J10	9922	C10
5700	H5	9923	C11
5701	H4	9924	H11
5702	H4	9925	G10
5900	D10	9928	H10

INSERTED IN DC932 ONLY

* INSERTED IN DC942 ONLY

MAIN BOARD (CHIP)



1902 *	D10	2900	C11	3701	G3	3907	H9
2000	E5	2901	D10	3702	G2	3908	I9
2001	F5	2906	H11	3709	G2	3909	I9
2002	E5	2907	I5	3705	J6	3910	I8
2400	B3	2911	H7	3706	I3	3911	I8
2401	G4	2912	C10	3707	I3	3912	I8
2404	E2	2913	G10	3708	I2	3913	H6
2405	F5	2919	H11	3709	I2	3914	I8
2500	F3	2921	J5	3710	H2	3915	I8
2501	F2	2928	C11	3711	H2	3916	I8
2502	F2	2929	G10	3722	I4	3917	I8
2504	F2	2930	H10	3728	I5	3918	I8
2505	F1	2935	J8	3729	J5	3919	I8
2507	F3	2936	J8	3730	J4	3921	H7
2510	E2	2937	I6	3731 *	G9	3922	H7
2511	E3	2938	I7	3734 *	G9	3923	G10
2512	E3	3000	E8	3735 *	G8	3924	G11
2513	E4	3001	E6	3736 *	G8	3927	I7
2514	E3	3002	F5	3737	J4	3928	I6
2515	E3	3003	E5	3738	J3	3929	J7
2516	F3	3004	E5	3739	J3	3930	I5
2518	E4	3005	E4	3740	I5	3931	J5
2519	E4	3400	G5	3742	I10	3932	J8
2520	E4	3402	C9	3743	I10	3933	J8
2524	F4	3405	B9	3744	J10	3934	I6
2525	F4	3406	G4	3745	I11	3947	C9
2526	F4	3407	G4	3747	I3	3948	C9
2527	E5	3408	G4	3748	H4	3949	H11
2528	F4	3410	G5	3749	G6	3950	I11
2604	D11	3411	E9	3750	G6	3952	I11
2605	D11	3500	F3	3751 *	F9	3955	J7
2606	D11	3502	G1	3752	H5	3956	J6
2607	D11	3503	F2	3753 *	I2	3958	I6
2551 *	F11	3504	F2	3754	I2	3959	I7
2553 *	F11	3505	F2	3755	H2	3960	J10
2555 *	F10	3506	F2	3756	H1	3961	I8
2701	I2	3508	E3	3801 *	H6	3962	D9
2702	G3	3509	E3	3802 *	G9	3963	J8
2703	I4	3512	E4	3803 *	F9	3964	I6
2704	G2	3513	E3	3804 *	E5	6501	E5
2705	I4	3514	F3	3805 *	F9	6502	F4
2706	I4	3515	F3	3807 *	F9	6705	J1
2709	J3	3516	F4	3808 *	H8	6706	I3
2710	G4	3517	F3	3809 *	H8	6803	I8
2711	H4	3518	F4	3810 *	G9	6909	I7
2721	I5	3520	E5	3811 *	E9	6917	I7
2723	J5	3524	E5	3812 *	F6	7400	G4
2724	J5	3525	E4	3813 *	E9	7500	F2
2726	I4	3526	E4	3815 *	D9	7601 #	F6
2727 *	G8	3527	F5	3816	H5	7604	H5
2728 *	F9	3529	F4	3817	H5	7605	F5
		3531	E5	3818	H6	7700	H3
		3604 #	F6	3819	H6	7701	G2
2731	H4	3605	F6	3820	H6	7703	I4
2807 *	E9	3605 #	F6	3821	H6	7706	I4
2810 *	E9	3608	D11	3822	G6	7707 *	F8
2812	I8	3609	D11	3823	F8	7801 *	G8
2814	H5	3610	C11	3824	H5	7802 *	H9
2816	H5	3611	D11	3825 *	H9	7803	H4
2817	H5	3614	G5	3850	B8	7804	H5
2818	H5	3615	G5	3851	B9	7902	I10
2819	G6	3616 #	F10	3852	C8	7903	J9
2821	H5	3617 #	F10	3853	B9	7905	H9
2823	H5	3618 *	F8	3856	G5	7907	J8
2824	H5	3650 *	F11	3857	G7	7909	J8
2825	G6	3651 *	E11	3900	I11	7911	J9
2826	I5	3652	F5	3901	I9	7913	J7
2828	G5	3662 *	F6	3902	J9	7915	J11 *
2827	G7	3700	H4	3903	H10	7921	I6

INSERTED IN DC932 ONLY

* INSERTED IN DC942 ONLY

DC Voltage For Main Board

+1	:	10.8 - 16.0V (off) 10.7 - 15.9V (on)
+2	:	0 - 0.2V (off) 10 - 14V (on)
+3	:	0V (off) 8.5V (on)
+4	:	4.9 - 5.15V (off) 5V (on)
+5	:	0.6V (off) 5V
+7	:	5V (off) 5V (on)
+9	:	10 - 15.3V (off) 9.9 - 15.1 (on)

1000 IC 91 TUNER MODULE

1 - 5	:	N.C.
6	:	5V
7	:	8.5V
8	:	0V
9	:	5V
10	:	5V
11	:	3V
12	:	3.7V
13	:	5V
14	:	5V
15	:	0.2V
16	:	3.6V
17	:	3.7V
18	:	0V
19	:	N.C.
20	:	N.C.

7500 SAA6579T

1	:	N.C.
2	:	5V
3	:	3V
4	:	2.43V
5	:	5V
6	:	GND
7	:	2.43V
8	:	2.5V
9	:	GND
10	:	GND
11	:	GND
12	:	5V
13	:	5V
14	:	2.5V
15	:	N.C.
16	:	5V

7501 LA2000

1	:	1.76V
2	:	8V
3	:	2V
4	:	N.C.
5	:	GND
6	:	4.9V
7	:	N.C.
8	:	N.C.
9	:	8.3V

7502 TL074

1	:	4.1V
2	:	4.1V
3	:	4.1V
4	:	8.6V
5	:	4.1V
6	:	4.1V
7	:	4.1V
8	:	4.1V
9	:	4.1V
10	:	4.1V
11	:	GND
12	:	4.1V
13	:	4.4V
14	:	4.1V

7602 TDA7374

1	:	RR +
2	:	RR -
3	:	13.3V
4	:	0.68V
5	:	0.68V
6	:	10.7V
7	:	4.12V
8	:	0V
9	:	0V
10	:	0V
11	:	0.6V
12	:	0.6V
13	:	10.7V
14	:	FR -
15	:	FR +

7603 TDA7374

1	:	RR +
2	:	RR -
3	:	13.3V
4	:	0.68V
5	:	0.68V
6	:	0.68V
7	:	4.12V
8	:	0V
9	:	0V
10	:	0V
11	:	0.6V
12	:	0.6V
13	:	13.3V
14	:	FR -
15	:	FR +

7704 ST24C16

1	:	5V
2	:	5V
3	:	5V
4	:	GND
5	:	5V
6	:	5V
7	:	GND
8	:	5V

7706 HEF44521BT

1	:	N.C.
2	:	GND
3	:	5V
4	:	5V
5	:	10V
6	:	5V
7	:	N.C.
8	:	GND
9	:	GND
10	:	N.C.
11	:	N.C.
12	:	N.C.
13	:	N.C.
14	:	5V
15	:	N.C.
16	:	5V

7707 MSM6307GS

1 - 3	:	4.8V
4	:	N.C.
5 - 8	:	4.8V
9	:	0V
10 - 12	:	4.8V
13	:	N.C.
14	:	4.9V
15	:	4.9V
16	:	GND
17	:	4.8V
18	:	N.C.
19	:	1.95V
20	:	1.98V
21	:	4.8V
22	:	N.C.
23	:	4.8V
24	:	2.26V
25	:	1.49V
26	:	4.8V
27	:	4.8V
28	:	N.C.
29 - 32	:	4.8V

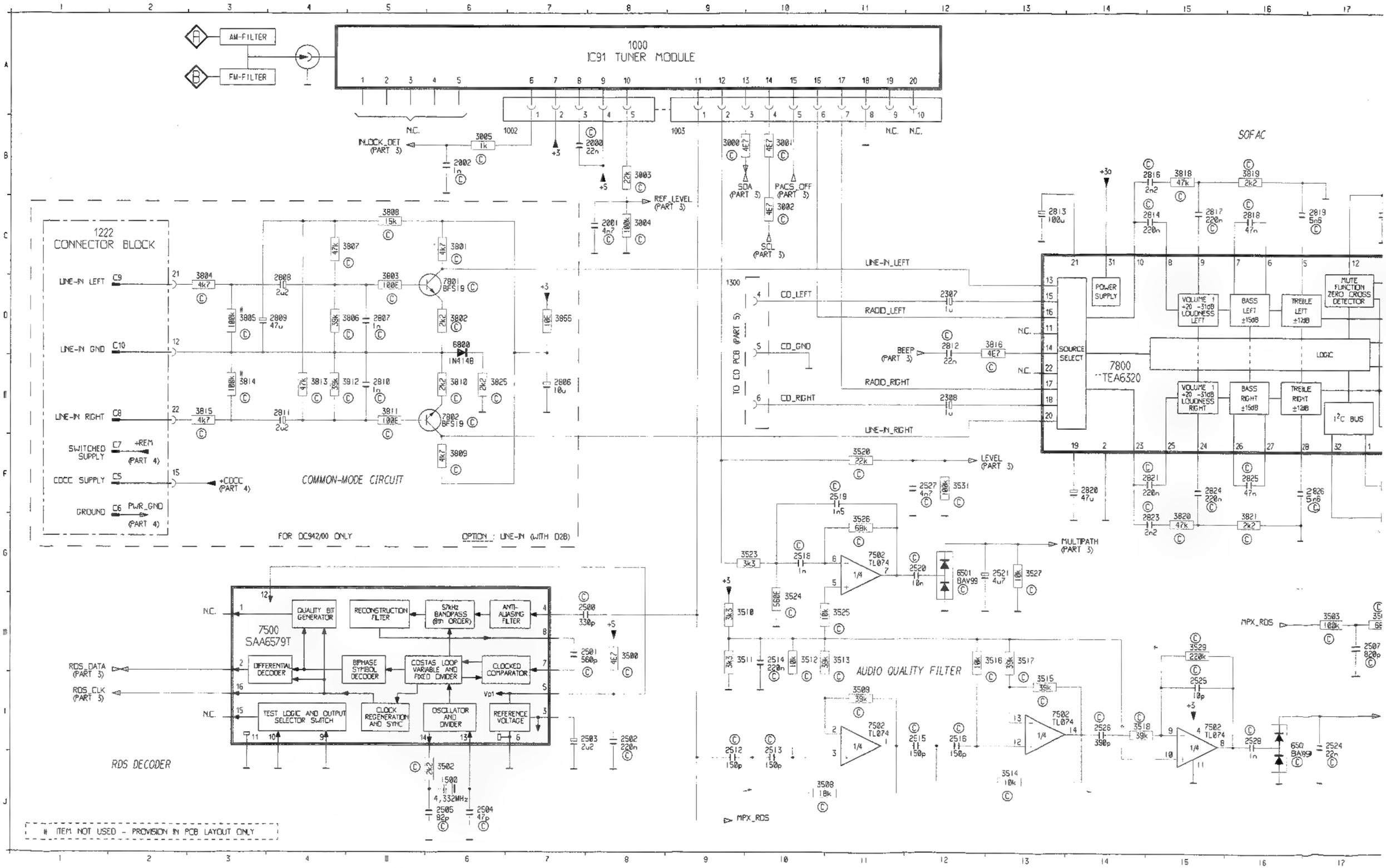
7910 TDA3602

1	:	12.5V
2	:	8.58V
3	:	N.C.
4	:	0.6V
5	:	5V
6	:	GND
7	:	5V
8	:	12.3V
9	:	5V

7921 HEF4044BT

1	:	5V
2	:	N.C.
3	:	5V
4	:	5V
5	:	5V
6	:	4.38V
7	:	5V
8	:	GND
9	:	5V
10	:	5V
11	:	5V
12	:	5V
13	:	0V
14	:	5V
15	:	2.6V
16	:	5V

PART I : TUNER, RDS, SOFAC & LINE-IN INTERFACE (MAIN PCB)



1000
IC91 TUNER MODULE

SOFAC

7800
TEA6320

POWER SUPPLY
SOURCE SELECT
LOGIC
I²C BUS
MUTE FUNCTION ZERO CROSS DETECTOR
VOLUME 1 +20 -31dB LOUDNESS LEFT
BASS LEFT ±15dB
TREBLE LEFT ±12dB
VOLUME 1 +20 -31dB LOUDNESS RIGHT
BASS RIGHT ±15dB
TREBLE RIGHT ±12dB
VOLUME 2 0- -55dB BALANCE FADER REAR
VOLUME 2 0- -55dB BALANCE FADER FRONT

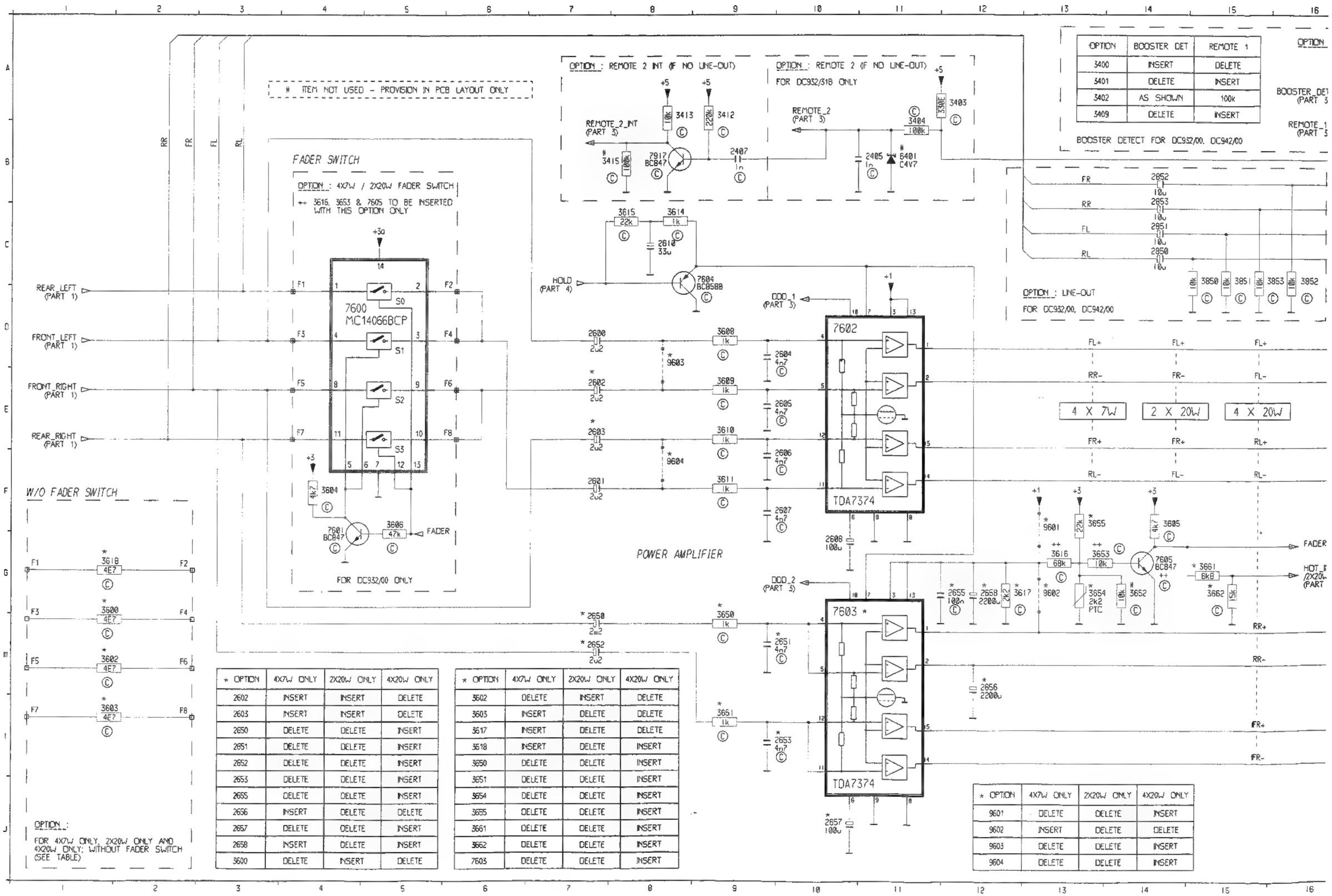
REF_LEVEL (PART 3)
SDA (PART 3)
SCL (PART 3)
PACS_OFF (PART 3)
HOLD (PART 4)
MUTE_SOFAC (PART 3)
REAR_LEFT (PART 2)
FRONT_LEFT (PART 2)
FRONT_RIGHT (PART 2)
REAR_RIGHT (PART 2)
LINE-IN_LEFT
LINE-IN_RIGHT
RADIO_LEFT
RADIO_RIGHT
CD_LEFT
CD_RIGHT
CD_GND
TO CD PCB (PART 5)
BEEP (PART 3)
LEVEL (PART 3)
MULTIPATH (PART 3)
MPX_RDS
NOISE_PULSE (PART 3)
PAUSE (PART 3)

AUDIO QUALITY FILTER
PAUSE DETECTOR

7501 LA2000

1000	A 8
1002	B 6
1003	B 9
1222	C 1
1300	D 9
1500	J 6
2000	B 8
2001	C 8
2002	B 6
2307	D 12
2308	E 12
2500	H 8
2501	H 8
2502	I 8
2503	I 8
2504	J 6
2505	J 6
2507	H 17
2508	H 8
2509	I 9
2510	I 9
2511	G 9
2512	J 9
2513	J 10
2514	H 10
2515	I 12
2516	I 12
2518	G 8
2519	F 11
2520	G 12
2521	G 13
2524	F 7
2525	I 15
2526	I 14
2527	F 12
2528	I 16
2906	E 7
2907	D 5
2908	D 4
2909	D 4
2910	E 5
2911	E 4
2912	D 12
2913	C 13
2914	C 15
2916	B 15
2917	C 15
2918	C 16
2919	C 17
2920	F 14
2921	F 15
2923	G 15
2924	F 15
2925	F 16
2926	F 17
2927	C 18
3000	B 9
3001	B 10
3002	C 10
3003	B 8
3004	C 8
3005	B 6
3500	H 8
3502	J 6
3503	H 17
3504	H 17
3505	H 18
3506	I 20
3507	F 19
3508	J 11
3509	I 11
3510	H 10
3511	H 10
3512	H 10
3513	H 11
3514	J 13
3515	I 13
3516	H 13
3517	H 13
3518	I 14
3520	F 11
3523	G 10
3524	H 10
3525	H 11
3526	G 11
3527	G 13
3529	H 15
3531	F 12
3801	C 6
3802	D 6
3803	D 5
3804	D 3
3805	D 3
3806	E 5
3807	C 5
3808	C 5
3809	F 6
3810	E 6
3811	E 5
3812	E 5
3813	E 4
3814	E 3
3815	E 3
3816	D 13
3817	C 19
3818	B 15
3819	B 16
3820	G 15
3821	G 16
3822	F 18
3823	F 18
3824	C 19
3825	E 6
3826	A 21
3827	B 21
3855	D 7
3856	B 20
3857	D 20
6501	G 12
6502	I 16
6800	D 6
6801	C 20
7500	H 4
7501	H 19
7502	I 11
7502	G 11
7502	I 13
7502	I 15
7800	E 14
7801	D 6
7802	E 6
7803	C 18
7804	B 19

PART 2 : POWER AMPLIFIER & LINE-OUT INTERFACE (MAIN PCB)



OPTION	BOOSTER DET	REMOTE 1
3400	INSERT	DELETE
3401	DELETE	INSERT
3402	AS SHOWN	100k
3409	DELETE	INSERT

BOOSTER DETECT FOR DC932/00, DC942/00

* OPTION	4X7W ONLY	2X20W ONLY	4X20W ONLY
2602	INSERT	INSERT	DELETE
2603	INSERT	INSERT	DELETE
2650	DELETE	DELETE	INSERT
2651	DELETE	DELETE	INSERT
2652	DELETE	DELETE	INSERT
2653	DELETE	DELETE	INSERT
2655	DELETE	DELETE	INSERT
2656	INSERT	DELETE	DELETE
2657	DELETE	DELETE	INSERT
2658	INSERT	DELETE	INSERT
3600	DELETE	INSERT	DELETE

* OPTION	4X7W ONLY	2X20W ONLY	4X20W ONLY
3602	DELETE	INSERT	DELETE
3603	INSERT	DELETE	DELETE
3617	INSERT	DELETE	DELETE
3618	INSERT	DELETE	INSERT
3650	DELETE	DELETE	INSERT
3651	DELETE	DELETE	INSERT
3654	DELETE	DELETE	INSERT
3655	DELETE	DELETE	INSERT
3661	DELETE	DELETE	INSERT
3662	DELETE	DELETE	INSERT
7603	DELETE	DELETE	INSERT

* OPTION	4X7W ONLY	2X20W ONLY	4X20W ONLY
9601	DELETE	DELETE	INSERT
9602	INSERT	DELETE	DELETE
9603	DELETE	DELETE	INSERT
9604	DELETE	DELETE	INSERT

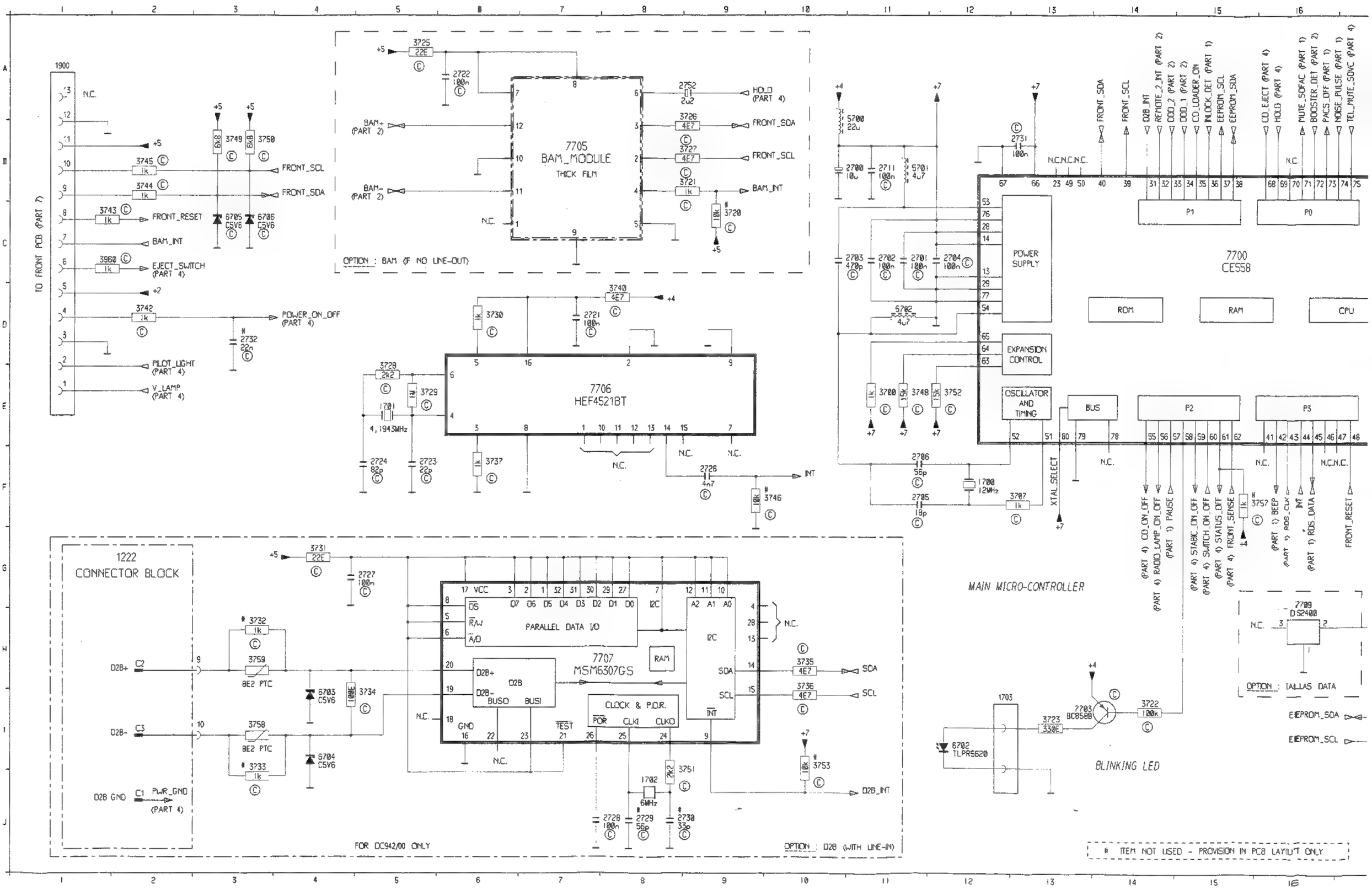
OPTION	BOOSTER DET	REMOTE 1
3400	INSERT	DELETE
3401	DELETE	INSERT
3402	AS SHOWN	100k
3409	DELETE	INSERT

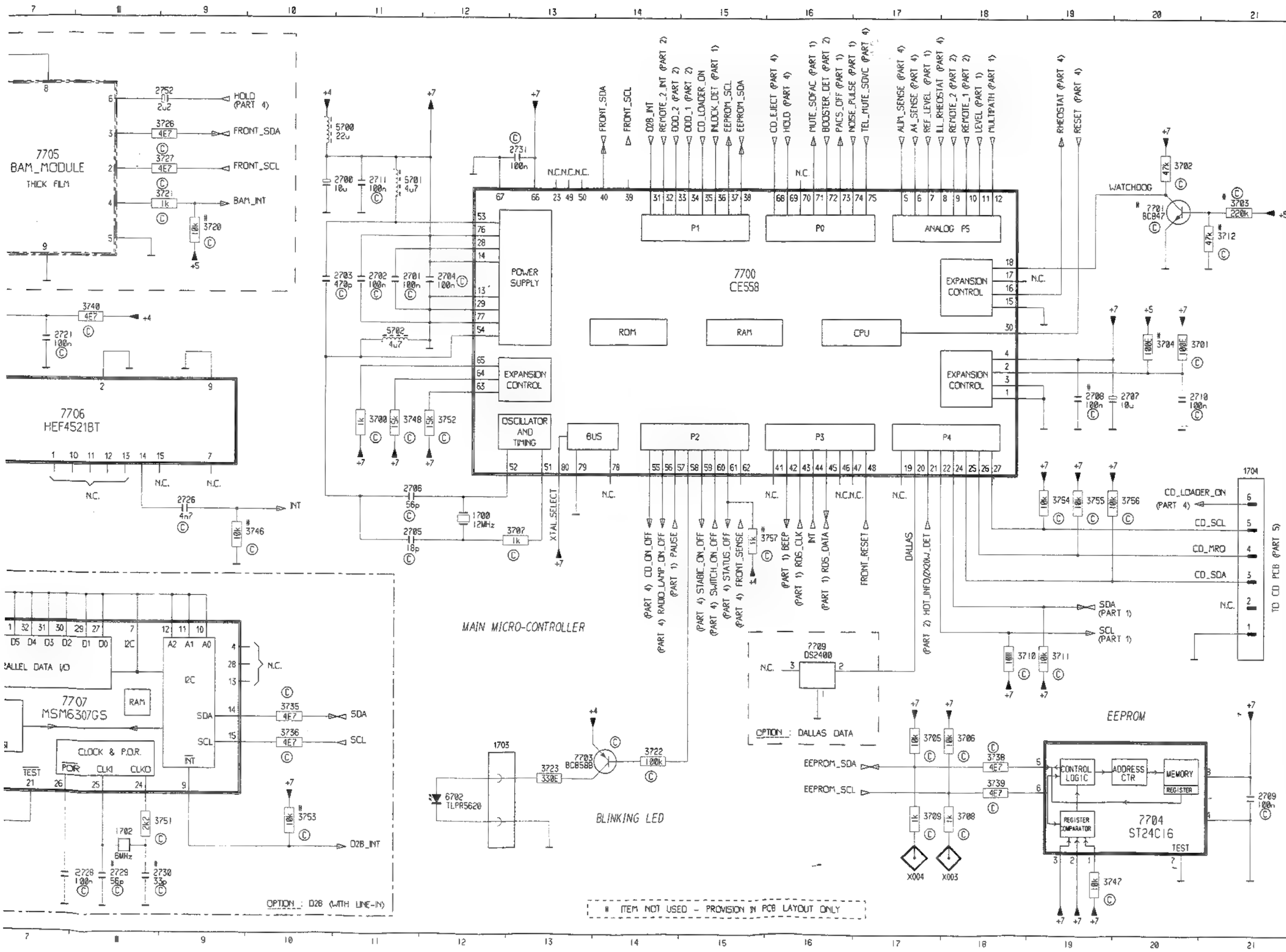
* OPTION	4X7W ONLY	2X20W ONLY	4X20W ONLY
9601	DELETE	DELETE	INSERT
9602	INSERT	DELETE	DELETE
9603	DELETE	DELETE	INSERT
9604	DELETE	DELETE	INSERT

	4X7W ONLY	2X20W ONLY	4X20W ONLY
	DELETE	INSERT	DELETE
	INSERT	DELETE	DELETE
	INSERT	DELETE	DELETE
	INSERT	DELETE	INSERT
	DELETE	DELETE	INSERT
	DELETE	DELETE	INSERT
	DELETE	DELETE	INSERT
	DELETE	DELETE	INSERT
	DELETE	DELETE	INSERT
	DELETE	DELETE	INSERT

1222	G17
1222	A21
2404	A18
2405	B11
2407	B9
2600	D7
2601	F7
2602	E7
2603	E7
2604	D10
2605	E10
2606	F10
2607	F10
2608	G10
2610	C8
2650	H7
2651	H10
2652	H7
2653	I10
2655	G12
2656	H12
2657	J10
2658	G12
2850	C14
2851	C14
2852	B14
2853	C14
3400	A17
3401	A19
3402	A18
3403	A12
3404	B11
3409	A17
3411	A18
3412	A9
3413	A8
3415	B8
3600	G11
3602	H11
3603	I11
3604	F14
3605	F15
3606	F5
3608	D9
3609	E9
3610	E9
3611	F9
3614	C8
3615	C8
3616	G13
3617	G13
3618	G11
3650	H9
3651	I9
3652	G14
3653	G13
3654	G13
3655	F13
3661	G15
3662	G15
3950	C15
3951	C15
3952	C16
3953	C16
6401	A18
6401	B11
7600	D4
7601	G4
7602	D10
7603	H10
7604	C9
7605	G14
7917	B8
9601	F13
9602	G13
9603	D8
9604	F8

PART 3 : MAIN MICRO-CONTROLLER, EEPROM, BAM & D2B INTERFACE (MAIN PCB)

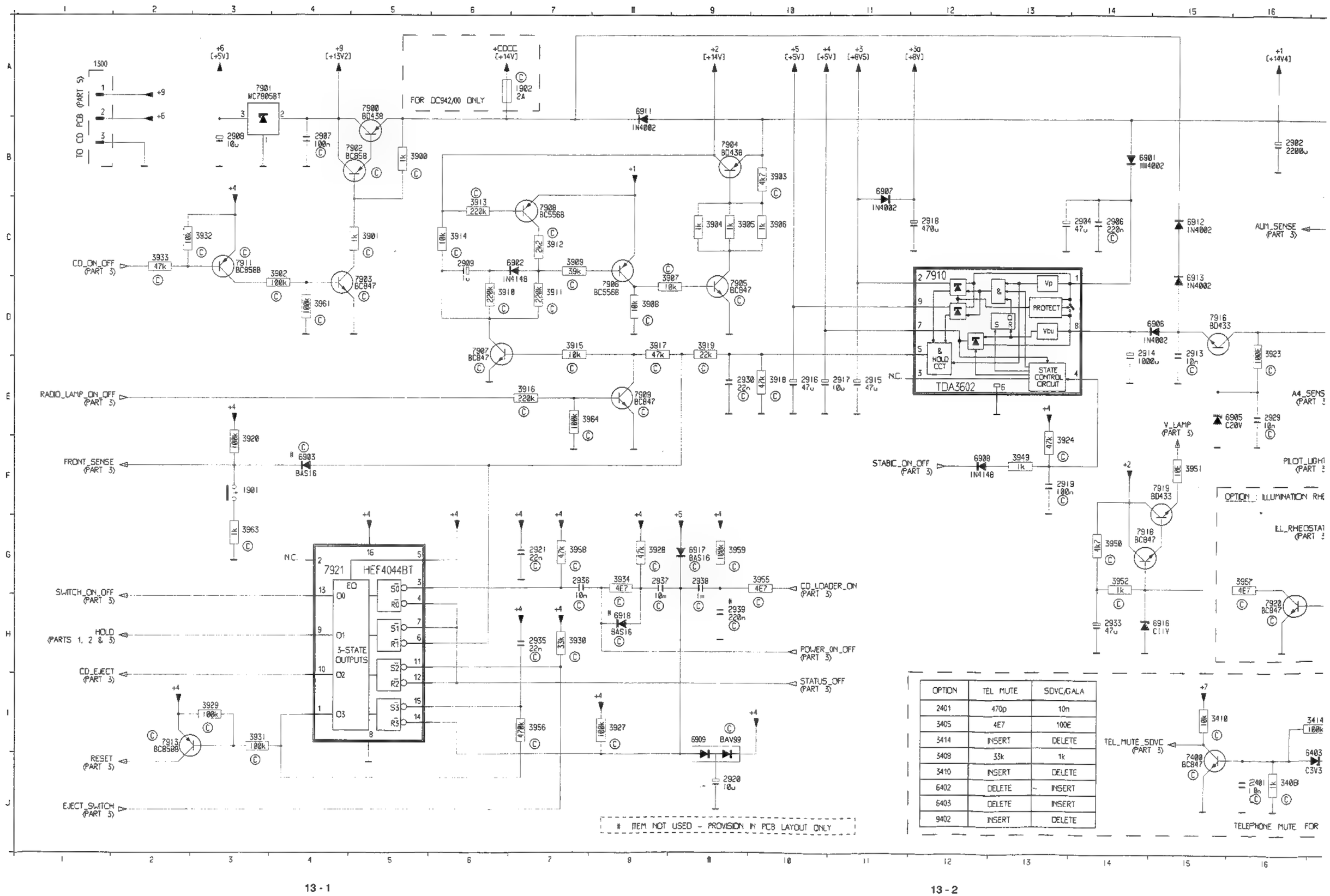



7705
BAM_MODULE
THICK FILM
HOLD (PART 4)
FRONT_SDA
FRONT_SCL
BAM_INT
7706
HEF4521BT
N.C.
INT
7700
CE558
POWER SUPPLY
ROM
RAM
CPU
OSCILLATOR AND TIMING
BUS
EXPANSION CONTROL
P1
P2
P3
P4
ANALOG P5
MAIN MICRO-CONTROLLER
7707
MSM6307GS
CLOCK & P.O.R.
PARALLEL DATA I/O
I2C
SDA
SCL
D2B_INT
OPTION : D2B (WITH LINE-IN)
BLINKING LED
OPTION : DALLAS DATA
EEPROM
7704
ST24C16
CONTROL LOGIC
ADDRESS CTR
MEMORY
REGISTER
REGISTER COMPARATOR
TEST
WATCHDOG
RHEOSTAT (PART 4)
RESET (PART 4)
CD_LOADER_ON (PART 4)
CD_SCL
CD_MRO
CD_SDA
TO CD PCB (PART 5)
SDA (PART 1)
SCL (PART 1)
ITEM NOT USED - PROVISION IN PCB LAYOUT ONLY

12 - 2

12 - 3

PART 4 : SUPPLY (MAIN PCB)



OPTION	TEL MUTE	SDVC/GALA
2401	470p	10n
3405	4E7	100E
3414	INSERT	DELETE
3408	33k	1k
3410	INSERT	DELETE
6402	DELETE	INSERT
6403	DELETE	INSERT
9402	INSERT	DELETE

13 - 1

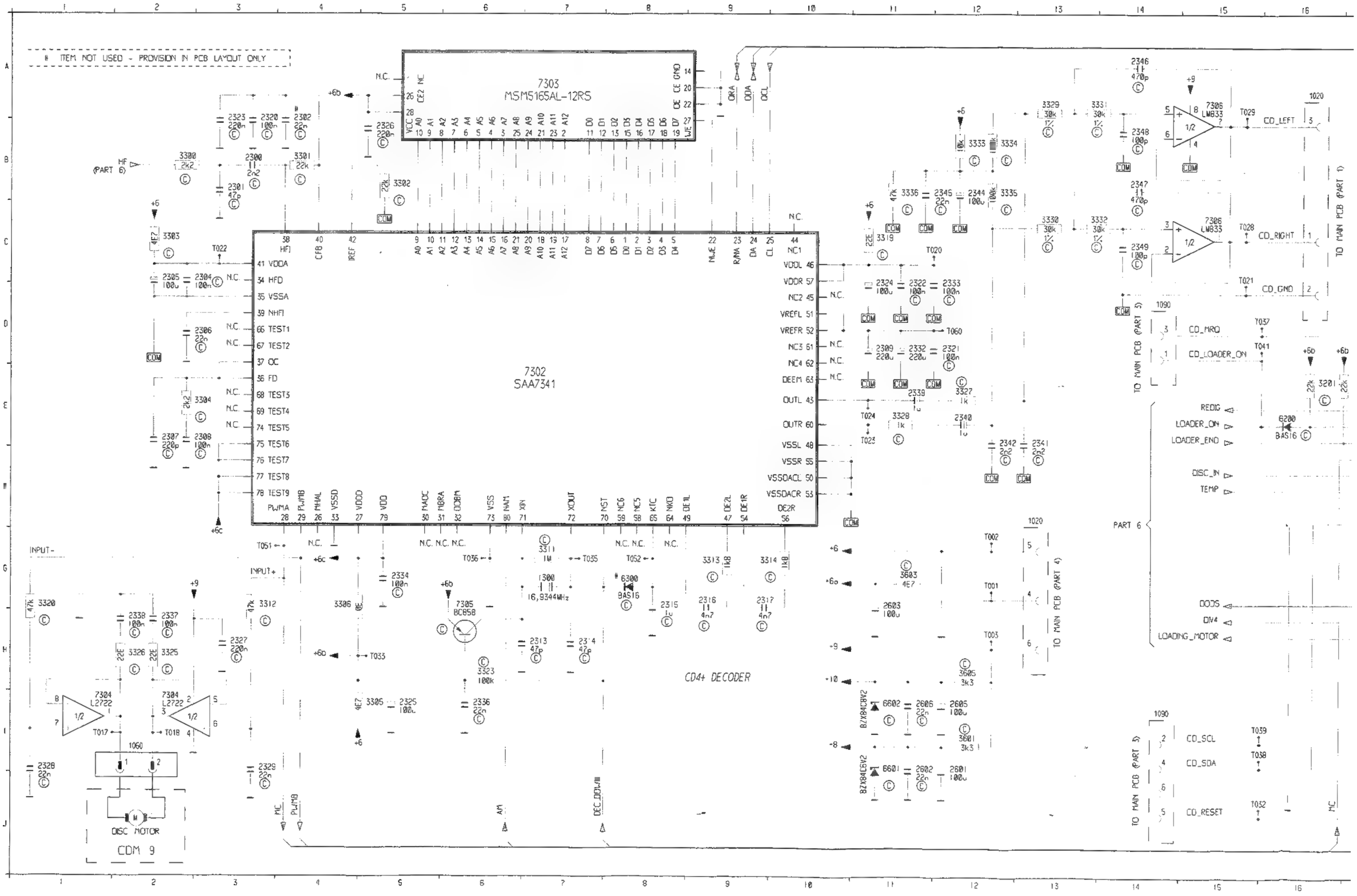
13 - 2

*	DC932	DC942
1900	AS SHOWN	10A
5900	AS SHOWN	97u

OPTION	TEL MUTE	SDVC/GALA
2401	470p	10n
3405	4E7	100E
3414	INSERT	DELETE
3408	33k	1k
3410	INSERT	DELETE
6402	DELETE	INSERT
6403	DELETE	INSERT
9402	INSERT	DELETE

1222	A21
1300	A 1
1901	F 3
1902	A 7
2400	J19
2401	J16
2900	B19
2901	B18
2902	B16
2904	C14
2906	C14
2907	B 4
2908	B 3
2909	C 6
2911	C17
2912	D19
2913	D15
2914	D14
2915	E11
2916	E10
2917	E11
2918	C12
2919	F13
2920	J 9
2921	G 7
2928	F19
2929	E16
2930	E 9
2931	G18
2933	H14
2934	H17
2935	H 7
2936	G 7
2937	G 8
2938	G 9
2939	H 9
3405	I19
3406	J17
3407	I17
3408	J16
3410	I15
3414	I17
3416	I18
3900	B 5
3901	C 5
3902	C 4
3903	B10
3904	C 9
3905	C 9
3906	C10
3907	D 9
3908	D 8
3909	C 7
3910	D 6
3911	D 7
3912	C 7
3913	C 6
3914	C 6
3915	D 7
3916	E 7
3917	D 8
3918	E10
3919	D 9
3920	F 3
3921	C18
3922	C18
3923	D16
3924	F13
3925	E18
3927	I 8
3928	G 8
3929	I 3
3930	H 7
3931	I 3
3932	C 3
3933	C 2
3934	G 8
3945	F18
3946	G18
3947	E18
3948	E18
3949	F13
3950	G14
3951	F15
3952	G14
3953	H17
3954	H17
3955	G10
3956	I 7
3957	G16
3958	G 7
3959	G 9
3961	D 4
3962	E18
3963	G 3
3964	E 8
5900	A19
5901	D19
6402	J18
6403	J17
6900	B17
6901	B14
6902	C 7
6903	F 4
6904	C18
6905	E16
6906	D15
6907	B11
6908	F12
6909	I 9
6910	H19
6911	A 8
6912	C15
6913	D15
6914	G18
6915	E18
6916	H15
6917	G 9
6918	H 8
6919	F19
7400	J15
7900	A 5
7901	A 3
7902	B 4
7903	D 5
7904	B 9
7905	D 9
7906	D 8
7907	D 6
7908	C 7
7909	E 8
7910	D12
7911	C 3
7913	I 2
7916	D15
7918	G14
7919	F15
7920	H16
7921	G 4
9402	I18
9922	D19

PART 5 : CD4+ DECODER & CD MICRO-CONTROLLER (CD PCB)



7303
MSM5165AL-12RS

7302
SAA7341

CD4+ DECODER

CD MICRO-CONTROLLER

7201
MC68HC05C8
(QFP)

7202
HEF4053BT

7306
LM833

BAS16

BZX84C6V2

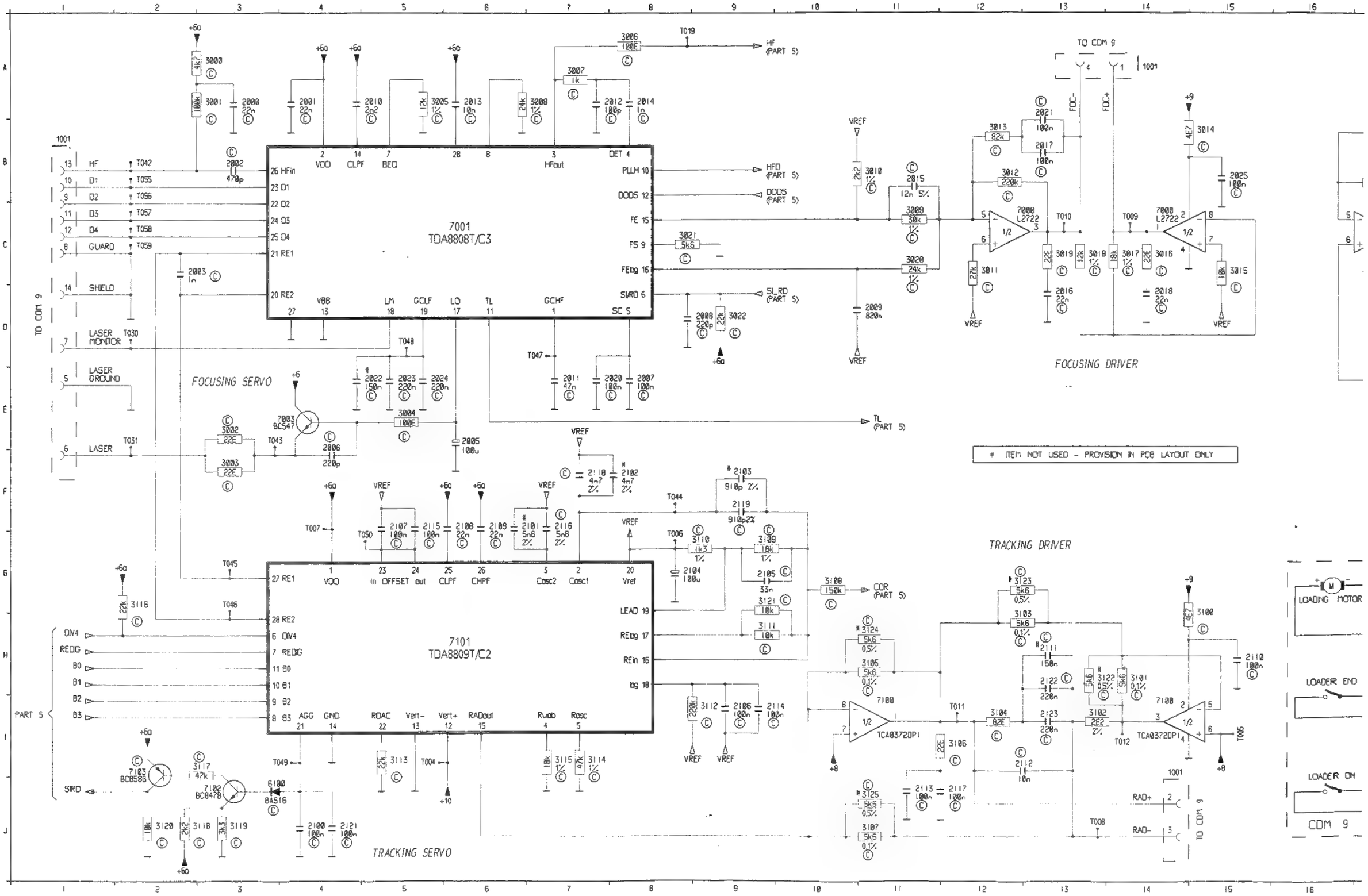
BC847

REDIG
LOADER_ON
LOADER_END
DISC_IN
TEMP
DOOS
DIV4
LOADING_MOTOR
CD_LEFT
CD_RIGHT
CD_GND
CD_MRQ
CD_LOADER_ON
CD_SCL
CD_SDA
CD_RESET
SI_RD (PART 6)
PWMB
B3
B2
B1
B0
COR
ORA
OCL
ODA
HFD (PART 6)
AM
SIRD (PART 6)
TL (PART 6)
PART 6
TO MAIN PCB (PART 1)
TO MAIN PCB (PART 3)
TO MAIN PCB (PART 4)
DEC_DOWN
MC
OPTION : CD RESET

14 - 2

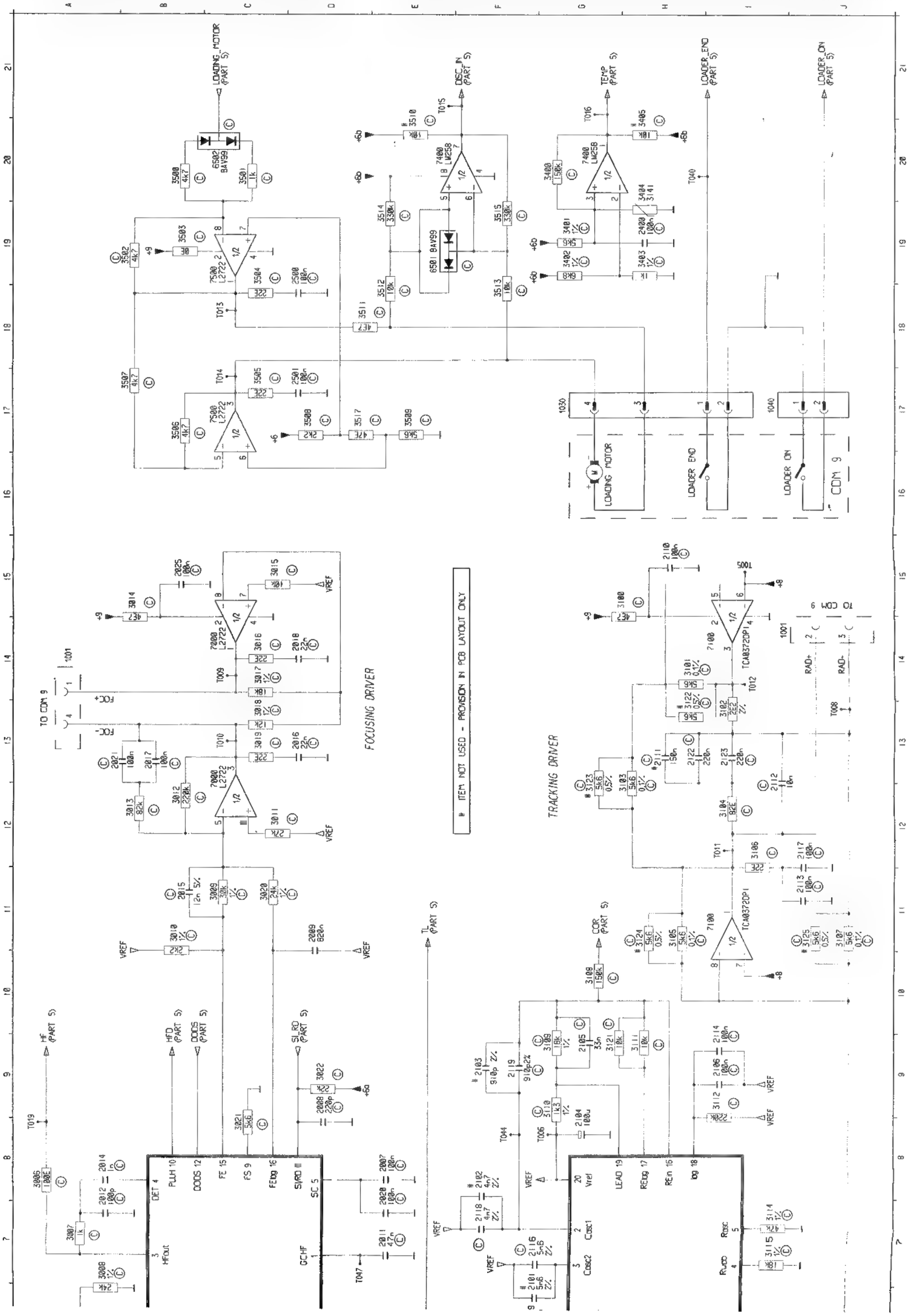
14 - 3

PART 6 : CD SERVO (CD PCB)



15 - 1

15 - 2


LOADING_MOTOR (PART 5)
DISC_IN (PART 5)
TEMP (PART 5)
LOADER_END (PART 5)
LOADER_ON (PART 5)
LOADING MOTOR
LOADER END
LOADER ON
TO COM 9
FOCUSING DRIVER
TRACKING DRIVER
ITEM NOT USED - PROVISION IN PCB LAYOUT ONLY
HF (PART 5)
HFD (PART 5)
DOOS (PART 5)
SL_RD (PART 5)
TL (PART 5)
COR (PART 5)
TO COM 9
FOC+
FOC-
RAD+
RAD-
VREF
+6b
+9
+8
+6
-8
6502 BAV99
6501 BAV99
7500 L2722
74000 LM258
7100 TCA0372DP1
DET 4
PUH 10
DOOS 12
FE 15
FS 9
FEdg 16
SLRD 8
SC 5
HFOut 3
GCHF 1
Cosc2 3
Cosc1 2
Vref 20
LEAD 19
REdg 17
REin 16
log 18
Rosc 5
RLoDo 4

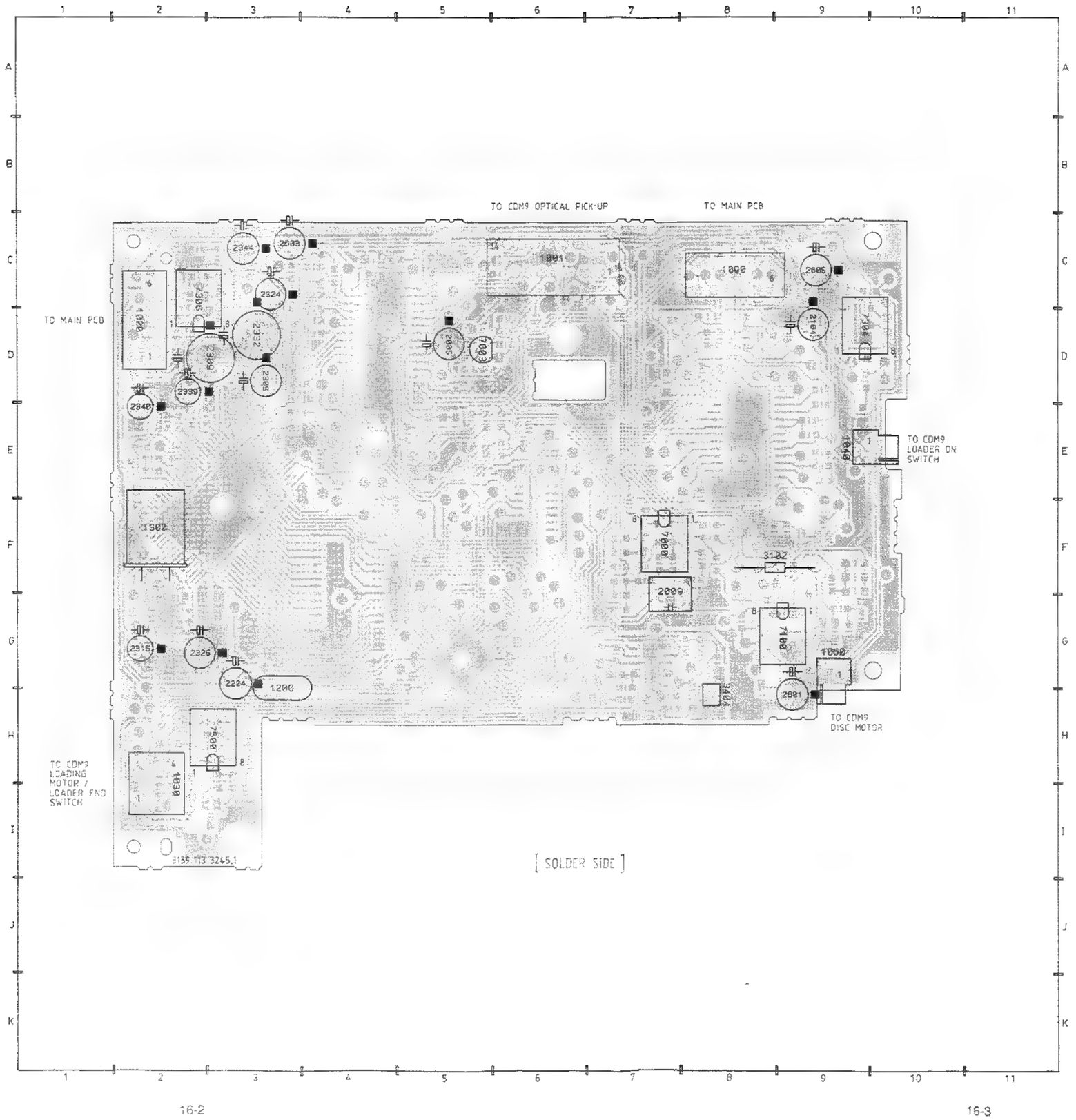
DC Voltage For CD Board

+6	:	5V
+6a	:	4.9v
+8	:	6V
+9	:	14.4V
+10	:	8.2V
Vref	:	2.44V
RAD-	:	4.9
FOC+	:	2.44V
FOC-	:	2.44V
RAD+	:	6V
DISC IN	:	3.74V
TEMP	:	3.74V
HF	:	2.4V
VDDL	:	4.4V
VDDA	:	5V
OUTR	:	2.2V
OUTL	:	2.2V
RESET	:	5V
OSC2	:	5V
VDD	:	5V
CD RIGHT	:	4V
CD LEFT	:	4V
MC	:	5V
KTC	:	5V
VREFL	:	2.5V

AGC Voltages of 7001 TDA8808T/C3 and 7101 TDA8809T/C2 while playing track 1

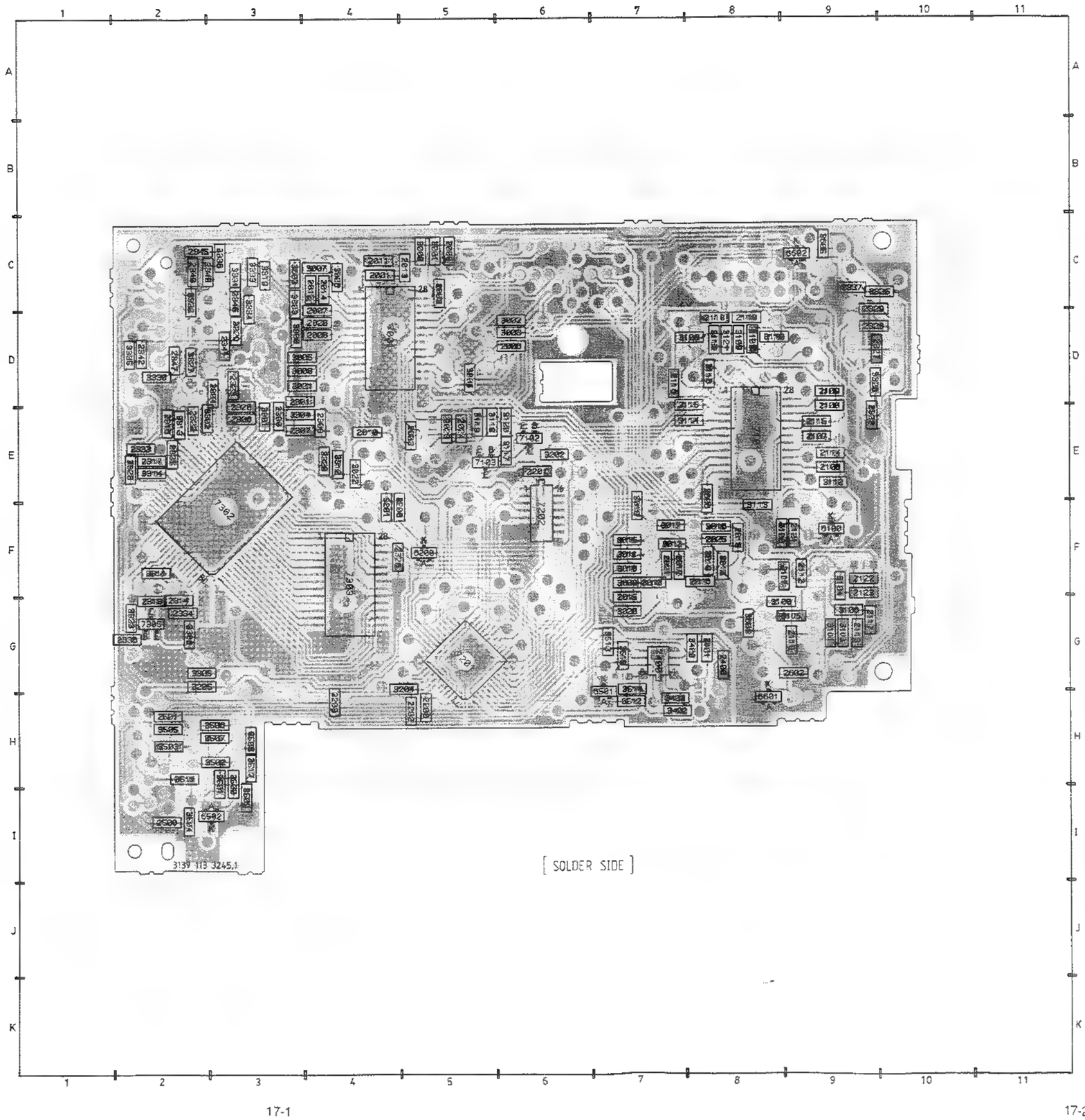
GCHF TDA8808 PIN 1	:	2.40V
GCLF TDA8808 PIN 19	:	1.81V
UAGC TDA8809 PIN 21	:	2.56V
Voff TDA8809 PIN 23	:	2.22V

CD BOARD (NON-CHIP)



1001	C6
1020	D2
1030	H2
1040	E9
1060	G9
1090	C8
1200	G3
1300	F2
2005	D5
2009	G7
2104	D9
2204	G3
2305	D3
2309	D8
2315	G2
2324	C3
2325	G2
2332	D3
2339	D2
2340	E2
2344	C3
2601	H9
2603	C3
2605	C9
3102	F8
3404	H8
7000	F7
7003	D5
7100	G9
7304	D9
7306	C2
7500	H3

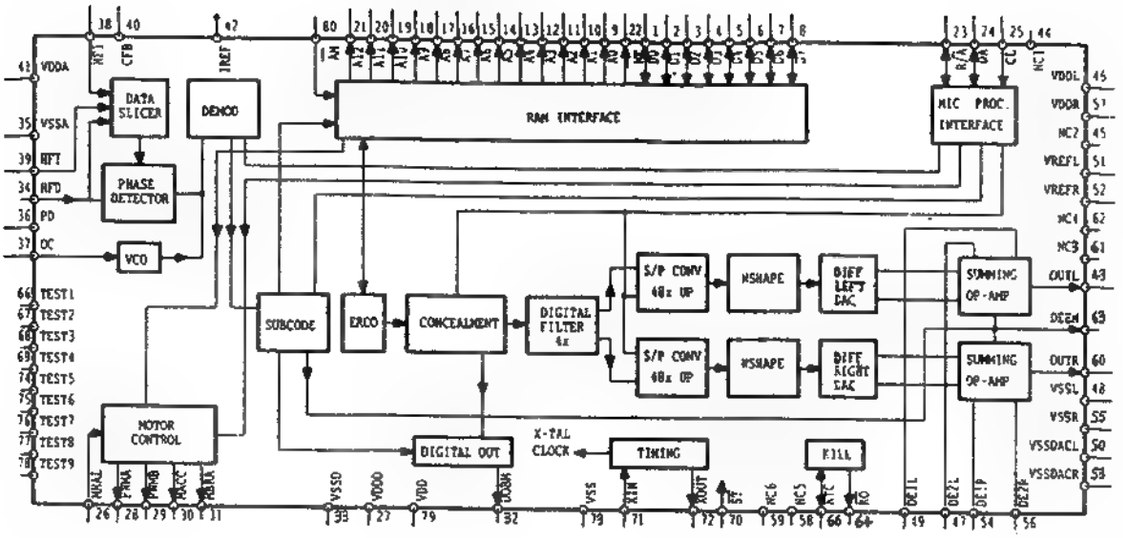
CD BOARD (CHIP)



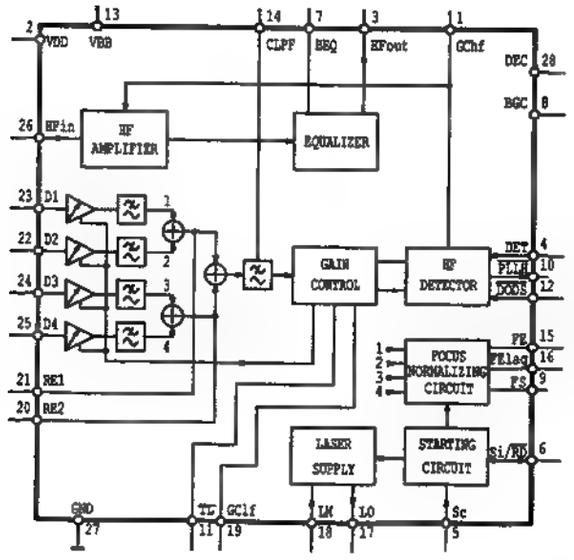
2000	C5	2338	E9	3301	E3
2001	C4	2341	D3	3302	E2
2002	C5	2342	D2	3303	C3
2003	E5	2345	C2	3304	E3
2006	D6	2346	C3	3305	G2
2007	D4	2347	D2	3306	G2
2008	D4	2348	C2	3311	F2
2010	E4	2349	C2	3312	E4
2011	C4	2400	G8	3313	E2
2012	C4	2500	I2	3314	E2
2013	C5	2501	H2	3319	C3
2014	C4	2802	G9	3320	E4
2015	G7	2806	E8	3323	G2
2016	F8	3000	C5	3325	C10
2017	F7	3001	C5	3326	D9
2018	F8	3002	D6	3327	D2
2020	D4	3003	D6	3328	E2
2021	F7	3004	D5	3329	D3
2023	E5	3005	D3	3330	D2
2024	E5	3006	C4	3331	C3
2025	F8	3007	C4	3332	C2
2100	F8	3008	D3	3333	C3
2105	D8	3009	F7	3334	C3
2106	E9	3010	F7	3335	D2
2107	E9	3011	F7	3336	C3
2108	E9	3012	F7	3400	G8
2109	D9	3013	F7	3401	G5
2110	G9	3014	F8	3402	H7
2112	F9	3015	F7	3403	H7
2113	G9	3016	F8	3500	H3
2114	E9	3017	F7	3501	H3
2115	E9	3018	F7	3502	H3
2116	D7	3019	F5	3503	H2
2117	G9	3020	G7	3504	I2
2118	D8	3021	D3	3505	H2
2119	D8	3022	E4	3506	H3
2121	F9	3100	G8	3507	H3
2122	F9	3101	G9	3508	H3
2200	H5	3103	G9	3509	I3
2201	E6	3104	F9	3511	H2
2202	H5	3105	G8	3512	H7
2208	H4	3106	G9	3513	G7
2300	E3	3107	F9	3514	G7
2301	D3	3108	D8	3515	G7
2304	D3	3109	D8	3517	H3
2306	E3	3110	D8	3601	C8
2307	E3	3111	D8	3603	C8
2308	E4	3112	E9	3605	C9
2313	G2	3113	F8	5100	F9
2314	G2	3114	E8	5200	F5
2316	E2	3115	E8	6501	H7
2317	E2	3116	D8	6502	I3
2320	E3	3117	E6	6601	H8
2321	E2	3118	E5	6602	C9
2322		3119	E5	7001	D4
2323	D3	3120	E6	7101	E8
2326	F4	3121	D8	7102	E6
2327	D9	3123	G9	7103	E5
2328	D9	3200	F4	7201	G5
2329	D9	3201	F4	7202	F8
2333	E2	3202	E6	7302	F3
2334	G2	3204	G5	7303	F4
2336	G2	3205	G2	7305	G2
2337	C9	3300	D3	7400	G7

17-1 17-2

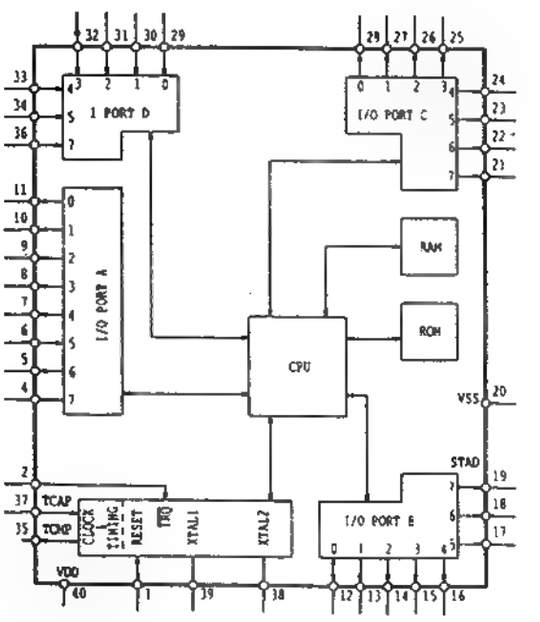
7302 SAA7341



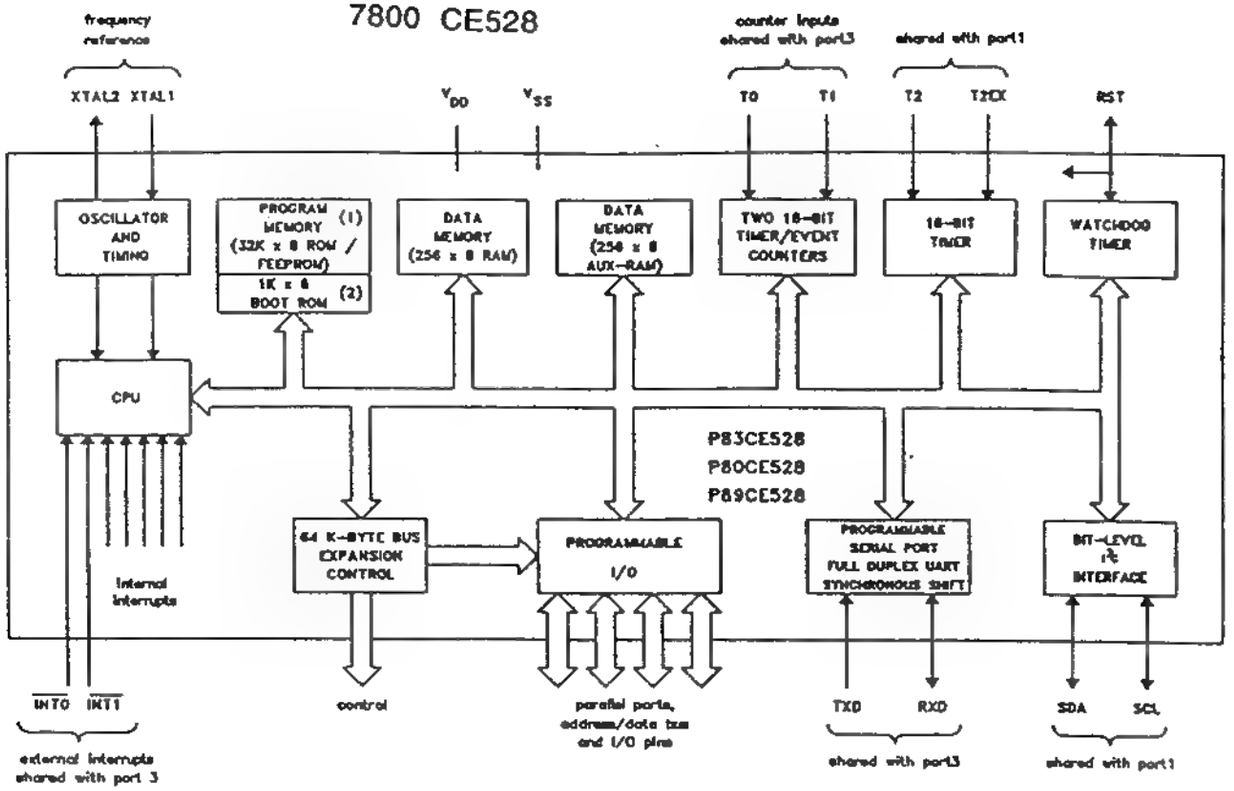
7001 TDA8808T/C3



7201 MC68HC05C8



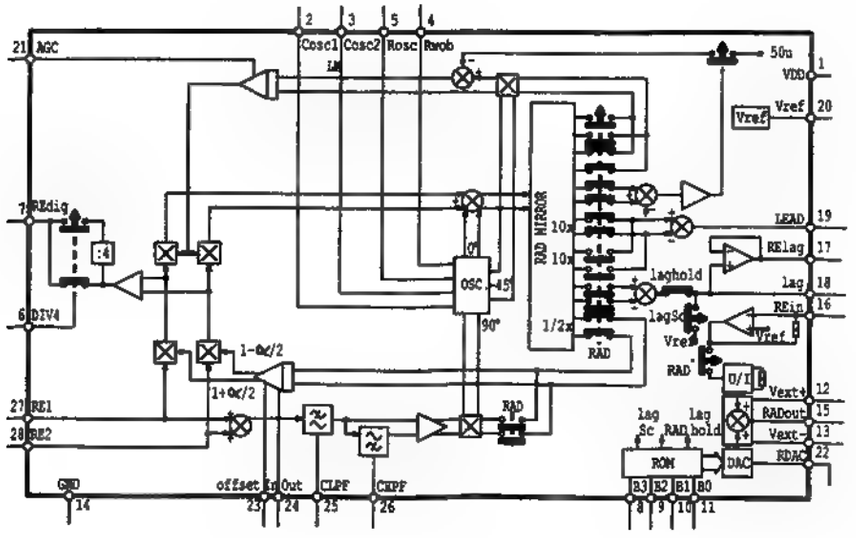
7800 CE528



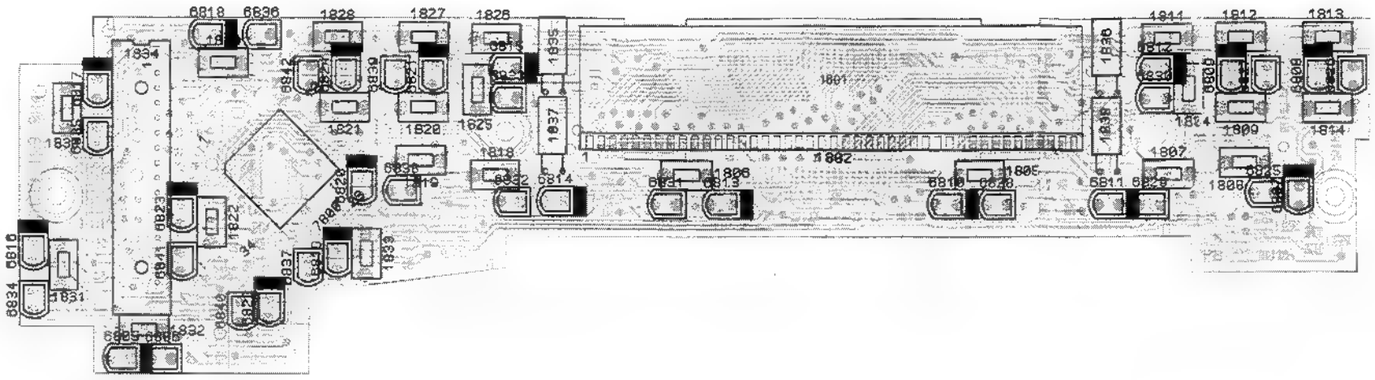
(1) not present in P80CE528

(2) only present in P89CE528

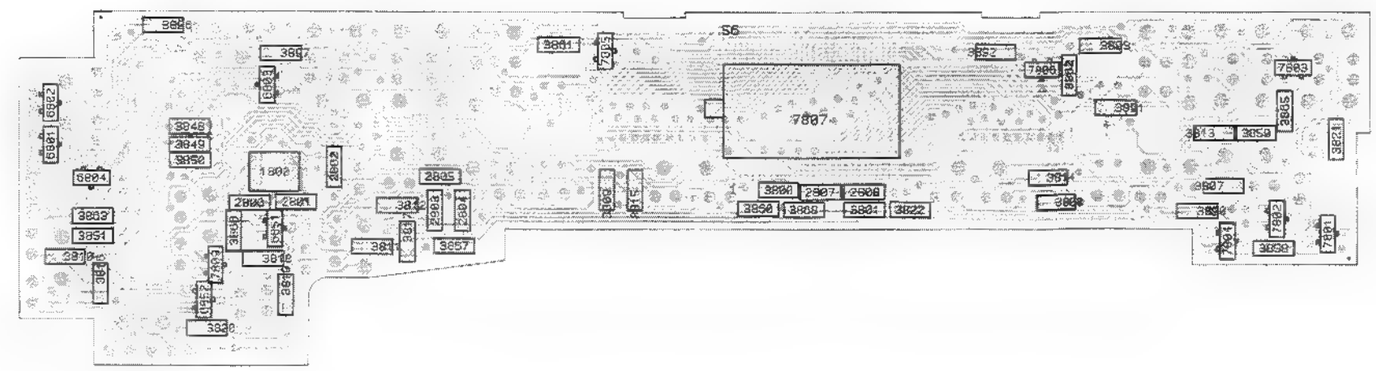
7101 TDA8809T/C2



FRONT BOARD



[SOLDER SIDE]

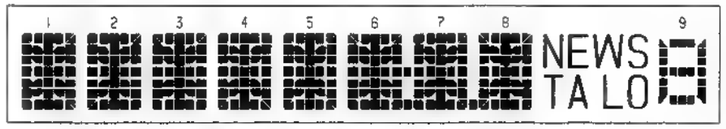


1800	H3	3862	*	G9
1801	C7	3863		H2
1802	C7	3864		H7
1804	C10	3865		H11
1805	D8	3866		I3
1806	D6	3867		I5
1807	D10	3868		H7
1808	D10	3890	#	H10
1809	C10	3891	* #	H9
1811	C10	3892	#	G9
1812	C10	3893	* #	G9
1813	C11	3896	*	G3
1814	C11	3897		G3
1815	D5	6801		H2
1819	C4	6802		H2
1820	C4	6803		G3
1821	C4	6804		H2
1822	D3	6805	*	E2
1825	C5	6806		E3
1826	C5	6807	*	D11
1827	C4	6808	*	C11
1828	C4	6809	*	C10
1829	C3	6810	*	D8
1830	C2	6811	*	D9
1831	D2	6812	*	C10
1832	E2	6813	*	D7
1833	D4	6814	*	D5
1834	C2	6815	*	C5
1835	* C5	6816	*	D2
1836	* C9	6817	*	C2
1837	C5	6818	*	C3
1838	C9	6819	*	D4
2800	H3	6820	*	D4
2801	H4	6821	*	C4
2802	H4	6822	*	E3
2803	H4	6823	*	D3
2804	H5	6824	*	C4
2805	H4	6825		D11
2807	H7	6826		C11
2808	H8	6827		C11
3800	H7	6828		D9
3801	H5	6829		D10
3807	* H10	6830		C10
3808	* H9	6831		D6
3809	* H6	6832		D5
3810	* I2	6833		C6
3811	* I4	6834		D2
3812	* H4	6835		C2
3813	H10	6836		C3
3814	H9	6837		D4
3515	H6	6838		D4
3816	I2	6839		C4
3817	I4	6840		E3
3818	I3	6841		D3
3819	I3	6842		C4
3820	* I3	6851		I3
3821	* H11	6852		I3
3822	* H8	7800		D3
3848	H3	7801	*	I11
3849	H3	7802	*	I11
3850	H3	7803	*	G11
3851	I2	7804	*	I10
3858	* I11	7805	*	G6
3859	* H11	7806	*	G9
3860	H7	7807		H7
3861	* G5	7809		I3

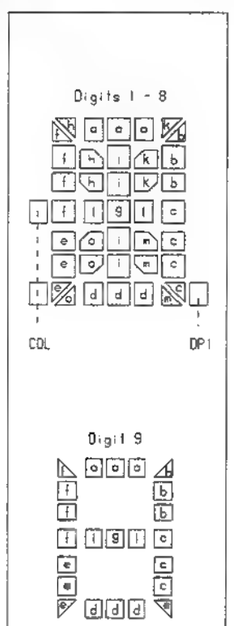
* DELETED IN DC932/31B
\# DELETED IN DC932/00, DC942/00

PART 7 : DETACHABLE FRONT PCB

LCD DISPLAY

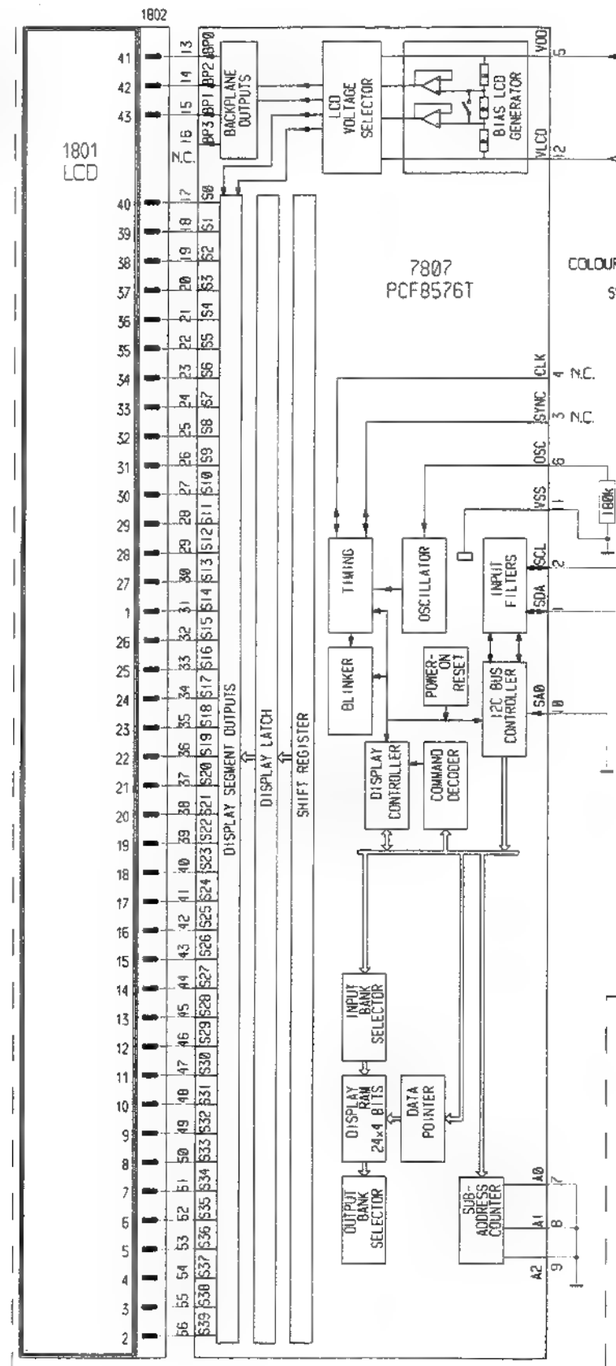


7807 DRIVER PINS	1801 LCD PINS	COM 1	COM 2	COM 3
31	1	1m	2m	
56	2	1o	1e	
55	3	1g	1l	1l
54	4	1d	1i	1h
53	5	1c	1k	1a
52	6	2o	2e	1b
51	7	2g	2l	2l
50	8	2d	2i	2h
49	9	2c	2k	2a
48	10	3o	3e	2b
47	11	3g	3l	3f
46	12	3d	3i	3h
45	13	3c	3k	3a
44	14	4o	4e	3b
43	15	4g	4l	4f
42	16	4d	4i	4h
41	17	4c	4k	4a
40	18	5o	5e	4b
39	19	5g	5l	5l
38	20	5d	5i	5h
37	21	5c	5k	5a
36	22	6o	6e	5b
35	23	6g	6l	6l
34	24	6d	6i	6h
33	25	6c	6k	6a
32	26	7m	COL	6b
30	27	7o	7e	
29	28	7g	7l	7l
28	29	7d	7i	7h
27	30	7c	7k	7a
26	31	8o	8e	7b
25	32	8g	8l	8l
24	33	8d	8i	8h
23	34	8c	8k	8a
22	35	9e	9l	8b
21	36	9d	9l, 9g	9a
20	37		9c	9b
19	38	DP1	8m	NEWS
18	39	5m	6m	TA
17	40	3m	4m	LO
13	41			COM 3
14	42		COM 2	
15	43	COM 1		



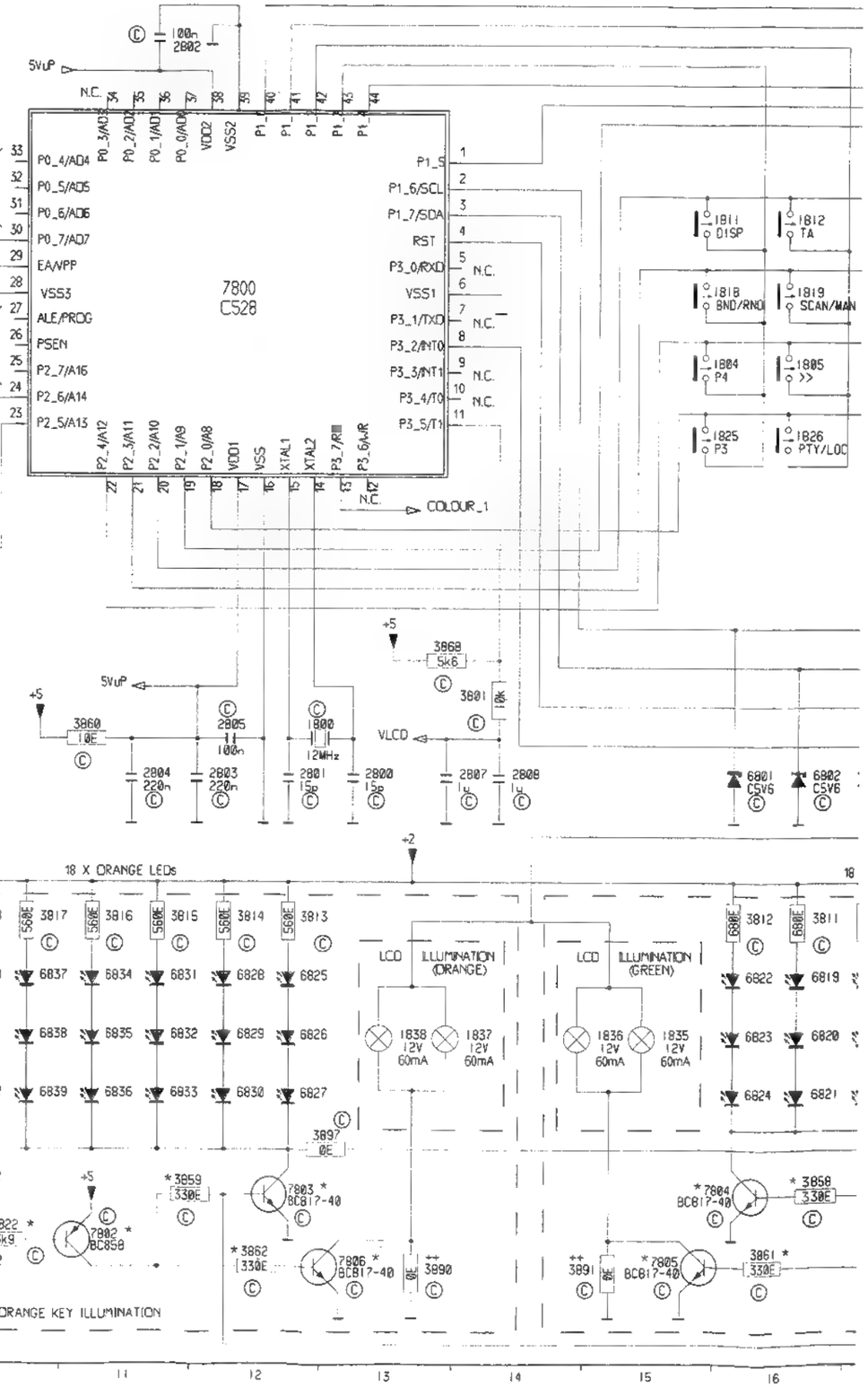
DUAL LIGHTING:
FOR DC932/00, DC942/00

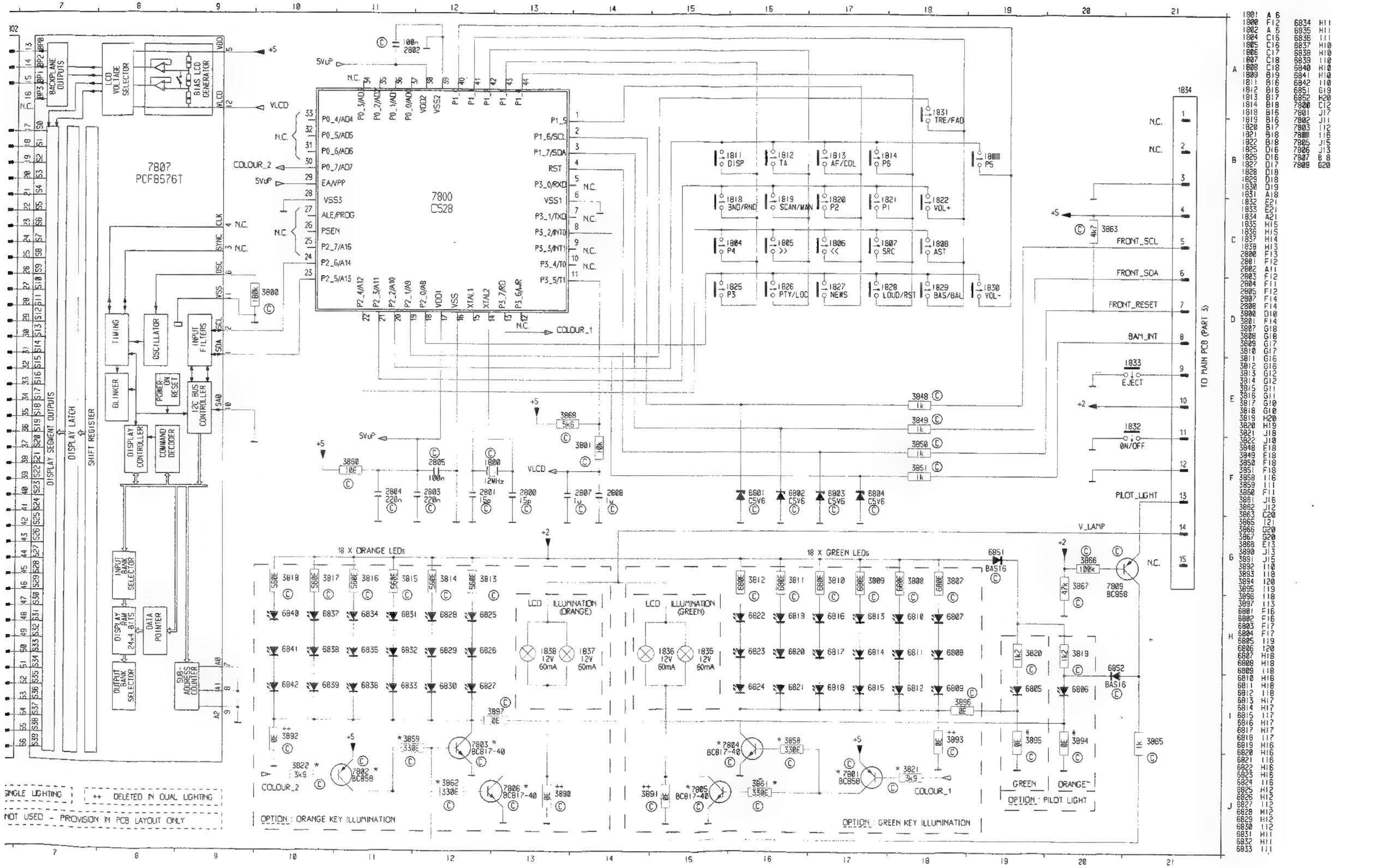
SINGLE LIGHTING:
FOR DC932/51B ONLY
(ORANGE KEY ILLUMINATION)



* DELETED IN SINGLE LIGHTING ++ DELETED IN DUAL LIGHTING

ITEM NOT USED - PROVISION IN PCB LAYOUT ONLY



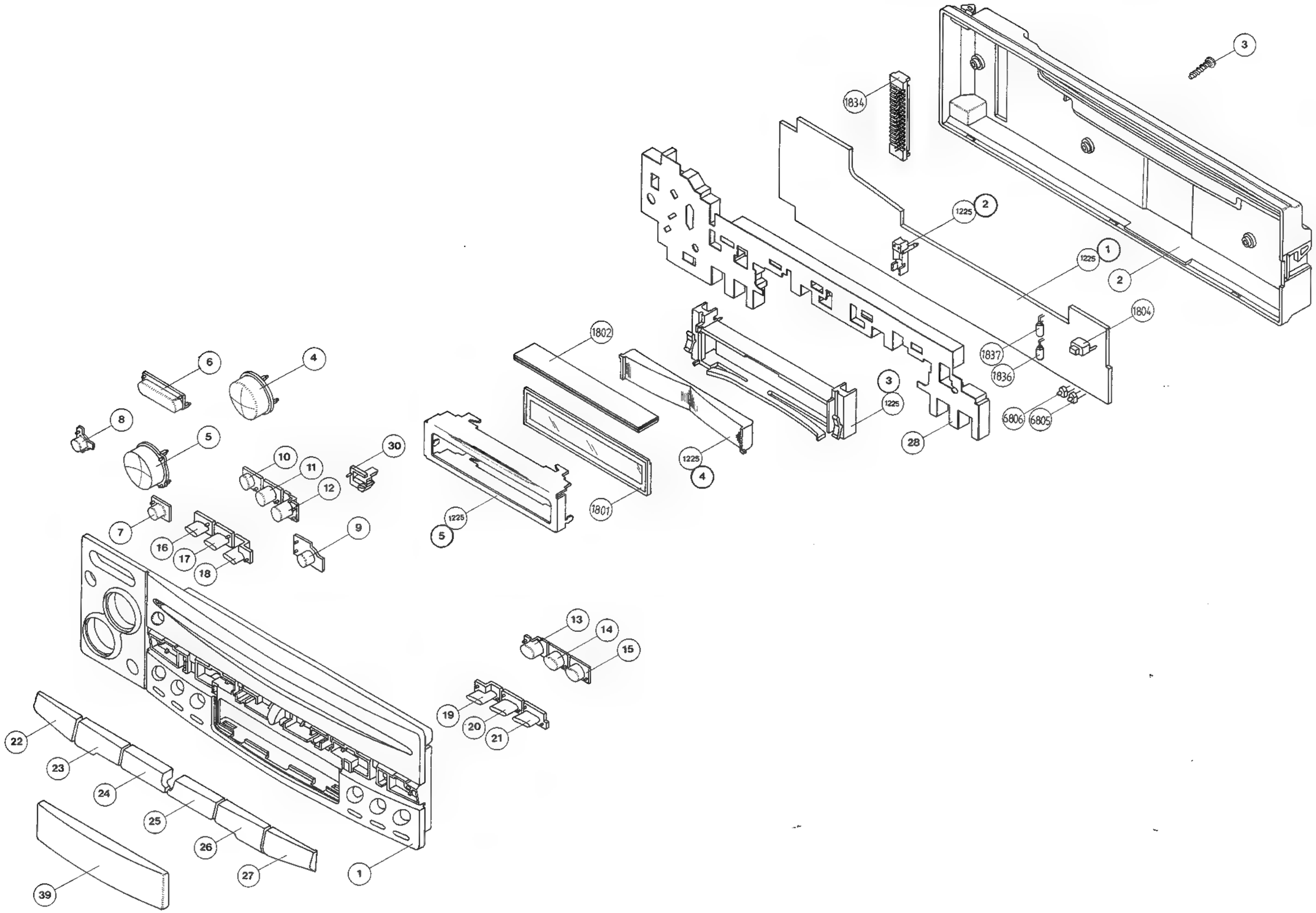


19 - 2

19 - 3

CS 26 677

EXPLODED VIEW-DETACHABLE FRONT



CS 26 678

LIST OF MECHANICAL PARTS

Only those parts of which the item number is stated below are considered Service parts.

DETACHABLE FRONT

1	4822 459 50807	Cover front - 90DC942
1	4822 459 50805	Cover front - 90DC932
2	4822 459 50802	Cover back
4	4822 410 62886	Button volume/up
5	4822 410 62887	Button volume/down
6	4822 410 62888	Button on/off
7	4822 410 62889	Button bass/balance
8	4822 410 62891	Button treble/fad
9	4822 410 62933	Button eject
10	4822 410 62892	Button preset 1
11	4822 410 62893	Button preset 2
12	4822 410 62894	Button preset 3
13	4822 410 62895	Button preset 4
14	4822 410 62896	Button preset 5
15	4822 410 62897	Button preset 6
16	4822 410 62885	Button small 1
17	4822 410 62901	Button small 2
18	4822 410 62902	Button small 3
19	4822 410 62903	Button small 4
20	4822 410 62904	Button small 5
21	4822 410 62905	Button small ■
22	4822 410 62915	Button scan/man
23	4822 410 62935	Button band/random
24	4822 410 62906	Button up
25	4822 410 62907	Button down
26	4822 410 62934	Button SRC
27	4822 410 62908	Button AST/RPT
28	4822 466 10643	Foam button CD
39	4822 381 11443	Lens assy
1225-2	4822 256 30506	Support lamp T1
1225-3	4822 256 92111	Housing LCD
1225-5	4822 466 83052	Shield metal

MAIN SET

1/1	4822 459 50806	Plate ornamental - 90DC942
1/1	4822 459 50803	Plate ornamental - 90DC932
1/2	4822 404 21277	Ejector
1/3	4822 492 42684	Spring torsion
1/4	4822 535 93429	Spindle
1/6	4822 410 62884	Button release
2/7	4822 404 21278	Lever
2/8	4822 404 21281	Bracket bush
2/9	4822 492 33418	Spring tension
2/10	4822 404 21279	Lever
5	4822 267 31717	Bush aerial
12	4822 492 71046	Spring mounting
19	4822 423 41249	Protection CD changer
21	4822 321 62188	Connector assy
23	4822 417 11198	Pivot
25/1	4822 466 10655	Foil Flex
25/2	4822 265 41384	Connector
29	4822 492 71421	Leaf spring grounding
37-2	4822 404 20437	Bracket mounting
37-5	4822 267 31699	Plug aerial
37-6	4822 401 11512	Holder aerial adaptor
38-2	4822 321 61695	Cable adaptor, power
38-3	4822 321 61696	Cable adaptor 4 L.S.
38-6	4822 532 11092	Buffer mounting
41	4822 423 90186	Sleeve
46	4822 492 71426	Spring leaf
1210	4822 459 50801	Detachable front assy - 90DC942
1210	4822 459 50804	Detachable front assy - 90DC932
1220-2	4822 691 10366	Car loader
BOX	4822 600 70734	Box Detachable unit
IFU	4822 736 21877	DFU Multi-languages

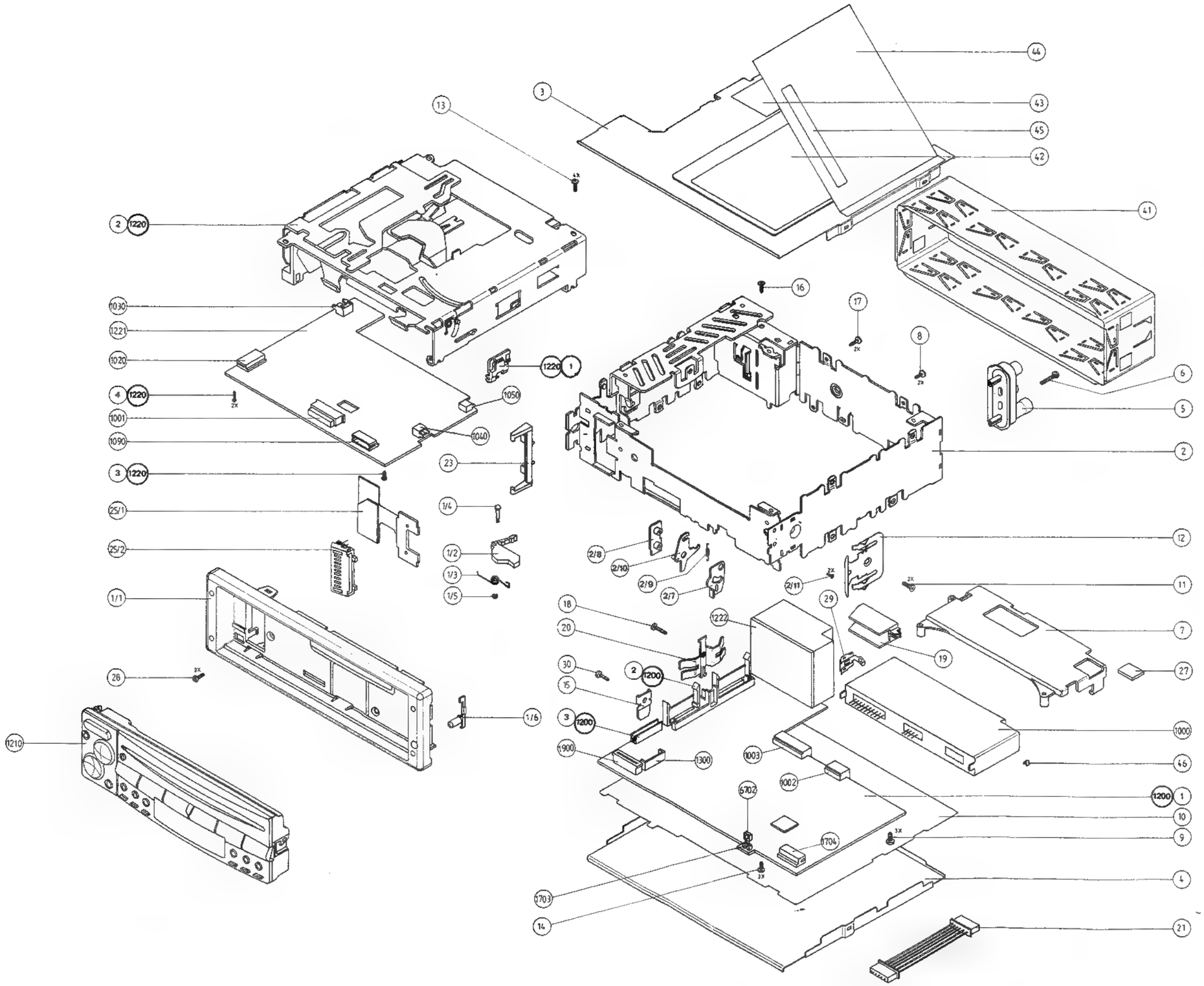
LIST OF SCREW

3	D2X8

LIST OF SCREWS

6	M2.5X12	17	M2.5X6
8	M2.5X0	18	M2.5X6
9	D3X8	28	M2.5X6
11	M3X6	30	M2.5X6
13	M2.5X6	2/11	M2X4
14	M2.5X6	1220/3	M2.5X5
16	M2.5X6	1220/4	D2X8

EXPLODED VIEW-SET



DETACHABLE FRONT BOARD

MISCELLANEOUS

1800	4822 242 81588	Cerchip Res 12MHz
1801	4822 130 91288	LCD
1802	4822 267 51286	Connector Zebra
1804	4822 276 13454	Tact Switch 50mA 12V
1805	4822 276 13454	Tact Switch 50mA 12V
1806	4822 276 13454	Tact Switch 50mA 12V
1807	4822 276 13454	Tact Switch 50mA 12V
1808	4822 276 13454	Tact Switch 50mA 12V
1809	4822 276 13454	Tact Switch 50mA 12V
1811	4822 276 13454	Tact Switch 50mA 12V
1812	4822 276 13454	Tact Switch 50mA 12V
1813	4822 276 13454	Tact Switch 50mA 12V
1814	4822 276 13454	Tact Switch 50mA 12V
1818	4822 276 13454	Tact Switch 50mA 12V
1819	4822 276 13454	Tact Switch 12VDC 50mA
1820	4822 276 13454	Tact Switch 12VDC 50mA
1821	4822 276 13454	Tact Switch 12VDC 50mA
1822	4822 276 13454	Tact Switch 12VDC 50mA
1825	4822 276 13454	Tact Switch 12VDC 50mA
1826	4822 276 13454	Tact Switch 12VDC 50mA
1827	4822 276 13454	Tact Switch 12VDC 50mA
1828	4822 276 13454	Tact Switch 12VDC 50mA
1829	4822 276 13454	Tact Switch 12VDC 50mA
1830	4822 276 13454	Tact Switch 12VDC 50mA
1831	4822 276 13454	Tact Switch 12VDC 50mA
1832	4822 276 13454	Tact Switch 12VDC 50mA
1833	4822 276 13454	Tact Switch 12VDC 50mA
1834	4822 265 41352	Detachable Conn. 15P
1835	4822 134 41158	Lamp Assy Green
1836	4822 134 41158	Lamp Assy Green
1837	4822 134 41157	Lamp Assy Orange
1838	4822 134 41157	Lamp Assy Orange

2800	15pF 5% NP0 0805
2801	15pF 5% NP0 0805
2802	0805 X7R 25V 100nF 10%
2803	1206 X7R 25V 220nF 10%
2804	1206 X7R 25V 220nF 10%
2805	0805 X7R 25V 100nF 10%
2807	1µF +80%-20% Y5V 1206
2808	1µF +80%-20% Y5V 1206

3800	0805 RC11 180k 5%
3801	0805 RC11 10k 5%
3807	1206 RC01 680Ω 5%
3808	1206 RC01 680Ω 5%
3809	1206 RC01 680Ω 5%
3810	1206 RC01 680Ω 5%
3811	1206 RC01 680Ω 5%
3812	1206 RC01 680Ω 5%
3813	1206 RC01 560Ω 5%
3814	1206 RC01 560Ω 5%
3815	1206 RC01 560Ω 5%
3816	1206 RC01 560Ω 5%
3817	1206 RC01 560Ω 5%
3818	1206 RC01 560Ω 5%
3819	1206 RC01 1k2 5%
3820	1206 RC01 1k2 5%
3821	0805 RC11 3k9 5%
3822	0805 RC11 3k9 5%
3848	0805 RC11 1k 5%
3849	0805 RC11 1k 5%
3850	0805 RC11 1k 5%
3851	0805 RC11 1k 5%
3858	0805 RC11 330Ω 5%
3859	0805 RC11 330Ω 5%
3860	0805 RC11 10Ω 5%
3861	0805 RC11 330Ω 5%
3862	0805 RC11 330Ω 5%
3863	0805 RC11 4k7 5%
3865	0805 RC11 47k 5%
3866	0805 RC11 100k 5%
3867	0805 RC11 47k 5%
3868	0805 RC11 5k6 5%
3896	1206 Jumper 0Ω
3897	1206 Jumper 0Ω

6801	4822 130 80125	BZX84-C5V6
6802	4822 130 80125	BZX84-C5V6
6803	4822 130 80125	BZX84-C5V6
6804	4822 130 80125	BZX84-C5V6
6805	4822 130 83161	TLUG2401
6806	4822 130 82989	TLH02400AS-12Z orange
6807	4822 130 83161	TLUG2401
6808	4822 130 83161	TLUG2401
6809	4822 130 83161	TLUG2401
6810	4822 130 83161	TLUG2401
6811	4822 130 83161	TLUG2401
6812	4822 130 83161	TLUG2401
6813	4822 130 83161	TLUG2401
6814	4822 130 83161	TLUG2401
6815	4822 130 83161	TLUG2401
6816	4822 130 83161	TLUG2401
6817	4822 130 83161	TLUG2401
6818	4822 130 83161	TLUG2401
6819	4822 130 83161	TLUG2401
6820	4822 130 83161	TLUG2401
6821	4822 130 83161	TLUG2401
6822	4822 130 83161	TLUG2401
6823	4822 130 83161	TLUG2401
6824	4822 130 83161	TLUG2401
6825	4822 130 82989	TLH02400AS-12Z orange
6826	4822 130 82989	TLH02400AS-12Z orange
6827	4822 130 82989	TLH02400AS-12Z orange
6828	4822 130 82989	TLH02400AS-12Z orange
6829	4822 130 82989	TLH02400AS-12Z orange
6830	4822 130 82989	TLH02400AS-12Z orange
6831	4822 130 82989	TLH02400AS-12Z orange
6832	4822 130 82989	TLH02400AS-12Z orange
6833	4822 130 82989	TLH02400AS-12Z orange
6834	4822 130 82989	TLH02400AS-12Z orange
6835	4822 130 82989	TLH02400AS-12Z orange
6836	4822 130 82989	TLH02400AS-12Z orange
6837	4822 130 82989	TLH02400AS-12Z orange
6838	4822 130 82989	TLH02400AS-12Z orange
6839	4822 130 82989	TLH02400AS-12Z orange
6840	4822 130 82989	TLH02400AS-12Z orange
6841	4822 130 82989	TLH02400AS-12Z orange
6842	4822 130 82989	TLH02400AS-12Z orange
6851	5322 130 31928	BAS16
6852	5322 130 31928	BAS16

7800	4822 209 32891	87C528
7801	5322 130 41983	BC858B
7802	5322 130 41983	BC858B
7803	4822 130 42615	BC817-40
7804	4822 130 42615	BC817-40
7805	4822 130 42615	BC817-40
7806	4822 130 42615	BC817-40
7807	5322 209 11129	PCF8576T
7809	5322 130 41983	BC858B

Note : Service Code are not listed here for standard component, please refer to Components catalogue from Philips Consumer Service.

MAIN BOARD

MISCELLANEOUS

11	4822 071 21003	Blade Fuse 10A-90DC942
11	4822 071 25002	Blade Fuse 5A-90DC932
1000	4822 214 52138	Tuner IC91 Module
1222	4822 290 81641	Connector Slide in-90DC942
1222	4822 290 61188	Connector Slide in-90DC932
1500	4822 242 80259	Crystal 4.332MHz
1700	4822 242 81606	Crystal 12MHz
1701	4822 242 81607	Crystal 4.194304MHz
1702	4822 242 81002	Cer Res 6MHz - 90DC942
1703	4822 256 30483	Connector Lamp
1901	4822 276 13461	Tact Switch 10mA 16V
1902	4822 253 30446	Fuse Chip 2A - 90DC942

⊣⊢

2000		22nf 10% X7R 0805
2001		4n7 10% X7R 0805
2002		1nF 10% X7R 0805
2307	4822 124 23282	Elcap 1µF 20% 50V
2308	4822 124 23282	Elcap 1µF 20% 50V
2400		1nF 10% X7R 0805
2401		470pF 5% NP0 0805
2404		1nF 10% X7R 0805
2500		330pF 5% NP0 0805
2501		560pF 5% NP0 0805
2502		1206 X7R 25V 220nF 10%
2503	4822 124 23504	Elcap 2.2µF 20% 50V
2504		47pF 5% NP0 0805
2505		82pF 5% NP0 0805
2507		NPO 63V 820pF 5%
2508	4822 124 23504	Elcap 2.2µF 20% 50V
2509	4822 124 23504	Elcap 2.2µF 20% 50V
2510		0805 X7R 25V 100nF 10%
2511		0805 X7R 25V 100nF 10%
2512		150pF 5% NP0 0805
2513		150pF 5% NP0 0805
2514		1206 X7R 25V 220nF 10%
2515		150pF 5% NP0 0805
2516		150pF 5% NP0 0805
2518		1nF 10% X7R 0805
2519		1n5 10% X7R 0805
2520		0805 X7R 63V 10nF 10%
2521	4822 124 80765	Elcap 4.7µF 20% 35V
2524		22nF 10% X7R 0805
2525		10pF 5% NP0 0805
2526		390pF 5% NP0 0805
2527		4n7 10% X7R 0805
2528		1nF 10% X7R 0805
2600	4822 124 23504	Elcap 2.2µF 20% 50V
2601	4822 124 23504	Elcap 2.2µF 20% 50V

⊣⊢

2602	4822 124 23504	Elcap 2.2µF 20% 50V - 90DC932
2603	4822 124 23504	Elcap 2.2µF 20% 50V - 90DC932
2604		4n7 10% X7R 0805
2605		4n7 10% X7R 0805
2606		4n7 10% X7R 0805
2607		4n7 10% X7R 0805
2608	4822 124 80499	Elcap 100µF 20% 16V
2610	4822 124 23281	Elcap 33µF 20% 16V
2650	4822 124 23504	Elcap 2.2µF 20% 50V - 90DC942
2651		4n7 10% X7R 0805 - 90DC942
2652	4822 124 23504	Elcap 2.2µF 20% 50V - 90DC942
2653		4n7 10% X7R 0805 - 90DC942
2655		0805 X7R 25V 100nF 10% - 90DC942
2656	4822 124 23308	Elcap 2200µF 20% 16V - 90DC932
2657	4822 124 80499	Elcap 100µF 20% 16V - 90DC942
2658	4822 124 80769	Elcap 2200µF 20% 16V - 90DC942
2658	4822 124 23308	Elcap 2200µF 20% 16V - 90DC932
2700	4822 124 41017	Elcap 10µF 16V
2701		0805 X7R 25V 100nF 10%
2702		0805 X7R 25V 100nF 10%
2703		470pF 5% NP0 0805
2704		0805 X7R 25V 100nF 10%
2705		18pF 5% NP0 0805
2706		56pF 5% NP0 0805
2707	4822 124 41017	Elcap 10µF 16V
2709		0805 X7R 25V 100nF 10%
2710		0805 X7R 25V 100nF 10%
2711		0805 X7R 25V 100nF 10%
2721		0805 X7R 25V 100nF 10%
2723		22pF 5% NP0 0805
2724		82pF 5% NP0 0805
2726		4n7 10% X7R 0805
2727		0805 X7R 25V 100nF 10% - 90DC942
2728		0805 X7R 25V 100nF 10% - 90DC942
2731		0805 X7R 25V 100nF 10%
2806	4822 124 41017	Elcap 10µF 16V - 90DC942
2807		1nF 10% X7R 0805 - 90DC942
2808	4822 124 23504	Elcap 2.2µF 20% 50V - 90DC942

2809	4822 124 22646	Elcap 47µF 20% 16V - 90DC942
2810		1nF 10% X7R 0805 - 90DC942
2811	4822 124 23504	Elcap 2.2µF 20% 50V - 90DC942
2812		22nF 10% X7R 0805
2813	4822 124 80453	Elcap 100µF 20% 10V
2814		1206 X7R 25V 220nF 10%
2816		2n2 10% X7R 0805
2817		1206 X7R 25V 220nF 10%
2818		1206 X7R 63V 47nF 10%
2819		5n6 10% X7R 0805
2820	4822 124 22646	Elcap 47µF 20% 16V
2821		1206 X7R 25V 220nF 10%
2823		2n2 10% X7R 0805
2824		1206 X7R 25V 220nF 10%
2825		1206 X7R 63V 47nF 10%
2826		5n6 10% X7R 0805
2827		0805 X7R 63V 10nF 10%
2850	4822 124 41017	Elcap 10µF 16V
2851	4822 124 41017	Elcap 10µF 16V
2852	4822 124 41017	Elcap 10µF 16V
2853	4822 124 41017	Elcap 10µF 16V
2900		100pF 5% NP0 0805
2901		0805 X7R 25V 100nF 10%
2902	4822 124 80769	Elcap 2200µF 20% 16V - 90DC942
2902	4822 124 23308	Elcap 2200µF 20% 16V - 90DC932
2904	4822 124 80056	Elcap 47µF 20% 16V
2906		1206 X7R 25V 220nF 10%
2907		0805 X7R 25V 100nF 10%
2908	4822 124 41017	Elcap 10µF 16V
2909	4822 124 23282	Elcap 1µF 20% 50V
2911		0805 X7R 25V 100nF 10%
2912		1nF 10% X7R 0805
2913		0805 X7R 63V 10nF 10%
2914	4822 124 80766	Elcap 1000µF 20% 25V
2915	4822 124 80056	Elcap 47µF 20% 16V
2916	4822 124 80056	Elcap 47µF 20% 16V
2917	4822 124 80764	Elcap 10µF 20% 16V - 90DC942
2917	4822 124 23179	Elcap 10µF 20% 16V - 90DC932
2918	4822 124 80767	Elcap 470µF 20% 16V
2919		0805 X7R 25V 100nF 10%
2920	4822 124 41017	Elcap 10µF 16V
2921		22nF 10% X7R 0805
2928		0805 X7R 63V 10nF 10%
2929		0805 X7R 63V 10nF 10%
2930		22nF 10% X7R 0805
2933	4822 124 80056	Elcap 47µF 20% 16V

2935	22nF 10% X7R 0805
2936	0805 X7R 63V 10nF 10%
2937	0805 X7R 63V 10nF 10%
2938	1nF 10% X7R 0805

3000	0805 RC11 4Ω7 5%
3001	0805 RC11 4Ω7 5%
3002	0805 RC11 4Ω7 5%
3003	0805 RC11 22k 5%
3004	0805 RC11 100k 5%
3005	0805 RC11 1k 5%
3400	0805 RC11 4Ω7 5%
3402	0805 RC11 10k 5%
3405	0805 RC11 4Ω7 5%
3406	0805 RC11 10k 5%
3407	0805 RC11 10k 5%
3408	0805 RC11 33k 5%
3410	0805 RC11 10k 5%
3411	0805 RC11 10k 5%
3414	CRB R20 100k 5%
3500	0805 RC11 4Ω7 5%
3502	0805 RC11 2k2 5%
3503	0805 RC11 100k 5%
3504	0805 RC11 68k 5%
3505	0805 RC11 22k 5%
3506	0805 RC11 330k 5%
3507	CRB R20 22Ω 5%
3508	0805 RC11 18k 5%
3509	0805 RC11 39k 5%
3510	CRB R20 3k3 5%
3511	CRB R20 3k3 5%
3512	0805 RC11 10k 5%
3513	0805 RC11 39k 5%
3514	0805 RC11 10k 5%
3515	0805 RC11 39k 5%
3516	0805 RC11 10k 5%
3517	0805 RC11 39k 5%
3518	0805 RC11 39k 5%
3520	0805 RC11 22k 5%
3523	CRB R20 3k3 5%
3524	0805 RC11 560Ω 5%
3525	0805 RC11 10k 5%
3526	0805 RC11 68k 5%
3527	0805 RC11 10k 5%
3529	0805 RC11 220k 5%
3531	0805 RC11 100k 5%
3605	0805 RC11 4k7 5%
3606	0805 RC11 47k 5% - 90DC932
3608	0805 RC11 1k 5%

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3609		0805 RC11 1k 5%
3610		0805 RC11 1k 5%
3611		0805 RC11 1k 5%
3614		0805 RC11 1k 5%
3615		0805 RC11 22k 5%
3616		0805 RC11 68k 5% - 90DC932
3618		0805 RC11 4Ω7 5%
3650		0805 RC11 1k 5%
3651		0805 RC11 1k 5%
3653		0805 RC11 10k 5%
3654	4822 116 40254	PTC 330R 16V 1%
3655		CRB R20 22k 5%
3661		CRB R20 6k8 5%
3662		0805 RC11 15k 5%
3700		0805 RC11 1k 5%
3701		0805 RC11 100Ω 5%
3702		0805 RC11 47k 5%
3705		0805 RC11 10k 5%
3706		0805 RC11 10k 5%
3707		0805 RC11 1k 5%
3708		0805 RC11 1k 5%
3709		0805 RC11 1k 5%
3710		0805 RC11 10k 5%
3711		0805 RC11 10k 5%
3722		0805 RC11 100k 5%
3723		CRB R20 330Ω 5%
3728		0805 RC11 2k2 5%
3729		0805 RC11 1M 5%
3730		0805 RC11 1k 5%
3731		0805 RC11 22Ω 5%
3734		0805 RC11 100Ω 5%
3735		0805 RC11 4Ω7 5%
3736		0805 RC11 4Ω7 5%
3737		0805 RC11 1k 5%
3738		0805 RC11 4Ω7 5%
3739		0805 RC11 4Ω7 5%
3740		0805 RC11 4Ω7 5%
3742		0805 RC11 1k 5%
3743		0805 RC11 1k 5%
3744		0805 RC11 1k 5%
3745		0805 RC11 1k 5%
3747		0805 RC11 10k 5%
3748		0805 RC11 15k 5%
3749		0805 RC11 6k8 5%
3750		0805 RC11 6k8 5%
3751		0805 RC11 2k2 5%
3752		0805 RC11 15k 5%
3754		0805 RC11 10k 5%
3755		0805 RC11 10k 5%
3756		0805 RC11 10k 5%
3758	4822 116 40221	PTC 8Ω2 20%
3759	4822 116 40221	PTC 8Ω2 20%

3801	0805 RC11 4k7 5% - 90DC942
3802	0805 RC11 2k2 5% - 90DC942
3803	0805 RC11 100Ω 5% - 90DC942
3804	0805 RC11 4k7 5% - 90DC942
3806	0805 RC11 39k 5% - 90DC942
3807	0805 RC11 47k 5% - 90DC942
3808	0805 RC11 15k 5% - 90DC942
3809	0805 RC11 4k7 5% - 90DC942
3810	0805 RC11 2k2 5% - 90DC942
3811	0805 RC11 100Ω 5% - 90DC942
3812	0805 RC11 39k 5% - 90DC942
3813	0805 RC11 47k 5% - 90DC942
3815	0805 RC11 4k7 5% - 90DC942
3816	0805 RC11 4Ω7 5%
3817	0805 RC11 10k 5%
3818	0805 RC11 47k 5%
3819	0805 RC11 2k2 5%
3820	0805 RC11 47k 5%
3821	0805 RC11 2k2 5%
3822	0805 RC11 1k 5%
3823	0805 RC11 1k 5%
3824	0805 RC11 33k 5%
3825	0805 RC11 2k2 5% - 90DC942
3826	0805 RC11 10k 5%
3827	CRB R20 10k 5%
3850	0805 RC11 10k 5%
3851	0805 RC11 10k 5%
3852	0805 RC11 10k 5%
3853	0805 RC11 10k 5%
3855	CRB R20 10Ω 5% - 90DC942
3856	0805 RC11 33k 5%
3857	0805 RC11 4Ω7 5%
3900	0805 RC11 1k 5%
3901	0805 RC11 1k 5%
3902	0805 RC11 100k 5%
3903	0805 RC11 4k7 5%
3904	CRB R20 1k 5%
3905	CRB R20 1k 5%
3906	CRB R20 1k 5%
3907	0805 RC11 10k 5%
3908	0805 RC11 10k 5%
3909	0805 RC11 39k 5%
3910	0805 RC11 220k 5%
3911	0805 RC11 220k 5%
3912	0805 RC11 2k2 5%
3913	0805 RC11 220k 5%
3914	0805 RC11 10k 5%
3915	0805 RC11 10k 5%
3916	0805 RC11 220k 5%
3917	0805 RC11 47k 5%
3918	0805 RC11 47k 5%
3919	0805 RC11 22k 5%

3920		CRB R20 100k 5%
3921		0805 RC11 220k 5%
3922		0805 RC11 100k 5%
3923		0805 RC11 100Ω 5%
3924		0805 RC11 47k 5%
3927		0805 RC11 100k 5%
3928		0805 RC11 47k 5%
3929		0805 RC11 100k 5%
3930		0805 RC11 33k 5%
3931		0805 RC11 100k 5%
3932		0805 RC11 10k 5%
3933		0805 RC11 47k 5%
3934		0805 RC11 4Ω7 5%
3947		0805 RC11 220k 5%
3948		0805 RC11 100k 5%
3949		0805 RC11 1k 5%
3950		0805 RC11 4k7 5%
3951		CRB R20 10Ω 5%
3952		0805 RC11 1k 5%
3955		0805 RC11 4Ω7 5%
3956		0805 RC11 470k 5%
3958		0805 RC11 47k 5%
3959		0805 RC11 100k 5%
3960		0805 RC11 1k 5%
3961		0805 RC11 100k 5%
3962		0805 RC11 4Ω7 5%
3963		0805 RC11 1k 5%
3964		0805 RC11 100k 5%

5700	4822 157 50961	Coil 22µH 10%
5701	4822 157 60122	Inductor 4.7µ7 10%
5702	4822 157 60122	Inductor 4.7µ7 10%
5900	4822 157 70935	Coil Assy - 90DC942
5900	4822 157 70839	Choke Coil 160µH - 90DC932

6501	5322 130 34337	BAV99
6502	5322 130 34337	BAV99
6702	4822 130 82996	LED RED
6703	4822 130 32904	BZV85-C5V6 - 90DC942
6704	4822 130 32904	BZV85-5V - 90DC942
6705	4822 130 80125	BZX84-5V6
6706	4822 130 80125	BZX84-5V6
6800	4822 130 30621	1N4148 - 90DC942
6801	4822 130 30621	1N4148
6900	4822 130 81624	1.5KE27
6901	5322 130 30684	1N4002GP

6902	4822 130 30621	1N4148
6905	4822 130 34499	BZX79-C20
6906	4822 130 80291	1N4002GP
6907	5322 130 30684	1N4002GP
6908	4822 130 30621	1N4148
6909	5322 130 34337	BAV99
6910	5322 130 30684	1N4002GP
6911	5322 130 30684	1N4002GP
6912	5322 130 30684	1N4002GP
6913	5322 130 30684	1N4002GP
6916	4822 130 34488	BZX79-C11
6917	5322 130 31928	BAS16
6919	5322 130 30684	1N4002GP

7400	4822 130 42705	BC847
7500	4822 209 31981	SAA6579T/V1
7501	4822 209 83159	LA2000
7502	4822 209 32742	TL074IN
7600	5322 209 14865	MC14066BCP - 90DC932
7601	4822 130 42705	BC847 - 90DC932
7602	4822 209 31132	TDA7374V
7603	4822 209 31132	TDA7374V - 90DC942
7604	5322 130 41983	BC858B
7605	4822 130 42705	BC847
7700	4822 209 32883	P89CE558
7703	5322 130 41983	BC858B
7704	4822 900 10479	ST24C16CB6 - DC942
7704	4822 900 10478	ST24C16CB6 - 90DC932
7706	5322 209 11461	HEF4521BT
7707	4822 209 32743	MSM6307GS - 90DC942
7800	4822 209 32745	TEA6320/V1
7801	4822 130 42353	BFS19 - 90DC942
7802	4822 130 42353	BFS19 - 90DC942
7803	4822 130 42705	BC847
7804	5322 130 41983	BC858B
7900	4822 130 40995	BD438
7901	4822 209 32866	L7805ABV
7902	5322 130 41983	BC858B
7903	4822 130 42705	BC847
7904	4822 130 40995	BD438
7905	4822 130 42705	BC847
7906	4822 130 41691	BC556B
7907	4822 130 42705	BC847
7908	4822 130 41691	BC556B
7909	4822 130 42705	BC847
7910	4822 209 33029	TDA3602/N3
7911	5322 130 41983	BC858B
7913	5322 130 41983	BC858B
7916	4822 130 40982	BD433

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7918	4822 130 42705	BC847
7919	4822 130 40982	BD433
7921	4822 209 10305	HEF4044BT

Note : Service Code are not listed here for standard component, please refer to Components catalogue from Philips Consumer Service.

CD BOARD

MISCELLANEOUS

1200	4822 242 70831	Crystal 4.0MHz
1300	4822 242 81609	Crystal 16.9344MHz

2000		22NF 10% X7R 0805
2001		22nF 10% X7R 0805
2002		470pF 5% NP0 0805
2003		1nF 10% X7R 0805
2005	4822 124 80453	Elcap 100µF 20% 10V
2006		220pF 5% NP0 0805
2007		0805 X7R 25V 100nF 10%
2008		220pF 5% NP0 0805
2009		Polcap 63V 820nF 10%
2010		2n2 10% X7R 0805
2011		1206 X7R 63V 47nF 10%
2012		100pF 5% NP0 0805
2013		0805 X7R 63V 10nF 10%
2014		1nF 10% X7R 0805
2015		12nF 5% X7R 0805
2016		22nF 10% X7R 0805
2017		0805 X7R 25V 100nF 10%
2018		22nF 10% X7R 0805
2020		0805 X7R 25V 100nF 10%
2021		0805 X7R 25V 100nF 10%
2023		1206 X7R 25V 220nF 10%
2024		1206 X7R 25V 150nF 10%
2025		0805 X7R 25V 100nF 10%
2029		1206 X7R 25V 220nF 10%
2100		0805 X7R 25V 100nF 10%
2104	4822 124 80453	Elcap 100µF 20% 10V
2105		1206 X7R 63V 33nF 10%
2106		0805 X7R 25V 100nF 10%
2107		0805 X7R 25V 100nF 10%
2108		22nF 10% X7R 0805
2109		22nF 10% X7R 0805
2110		0805 X7R 25V 100nF 10%
2112		0805 X7R 63V 10nF 10%
2113		0805 X7R 25V 100nF 10%
2114		0805 X7R 25V 100nF 10%
2115		0805 X7R 25V 100nF 10%
2116		1206 NP0 63V 5n6 PM2
2117		0805 X7R 25V 100nF 10%
2118		1206 NP0 63V 4n7 PM2
2119		NP0 63V 910pF 2%
2121		0805 X7R 25V 100nF 10%
2122		1206 X7R 25V 220nF 10%
2123		1206 X7R 25V 220nF 10%
2200		0805 X7R 25V 100nF 10%
2201		1206 X7R 25V 220nF 10%
2202		27pF 5% NP0 0805

2203		27pF 5% NP0 0805
2204	4822 124 80453	Elcap 100µF 20% 10V
2300		2n2 10% X7R 0805
2301		47pF 5% NP0 0805
2304		0805 X7R 25V 100nF 10%
2305	4822 124 80453	Elcap 100µF 20% 10V
2306		22nF 10% X7R 0805
2307		220pF 5% nP0 0805
2308		0805 X7R 25V 100nF 10%
2309	4822 124 23582	Elcap 220µF 10V
2313		47pF 5% NP0 0805
2314		47pF 5% NP0 0805
2315		1206 X7R 25V 220nF 10%
2316		4n7 10% X7R 0805
2317		4n7 10% X7R 0805
2320		0805 X7R 25V 100nF 10%
2321		0805 X7R 25V 100nF 10%
2322		0805 X7R 25V 100nF 10%
2323		1206 X7R 25V 220nF 10%
2324	4822 124 80453	Elcap 100µF 20% 10V
2325	4822 124 80453	Elcap 100µF 20% 10V
2326		1206 X7R 25V 220nF 10%
2327		1206 X7R 25V 220nF 10%
2328		22nF 10% X7R 0805
2329		22nF 10% X7R 0805
2332	4822 124 23582	Elcap 220µF 10V
2333		0805 X7R 25V 100nF 10%
2334		0805 X7R 25V 100nF 10%
2336		22nF 10% X7R 0805
2337		0805 X7R 25V 100nF 10%
2338		0805 X7R 25V 100nF 10%
2339	4822 124 23282	Elcap 1µF 20% 50V
2340	4822 124 23282	Elcap 1µF 20% 50V
2341		2n2 10% X7R 0805
2342		2n2 10% X7R 0805
2344	4822 124 80453	Elcap 100µF 20% 10V
2345		22nF 10% X7R 0805
2346		470pF 5% NP0 0805
2347		470pF 5% NP0 0805
2348		100pF 5% NP0 0805
2349		100pF 5% NP0 0805
2400		0805 X7R 25V 100nF 10%
2500		0805 X7R 25V 100nF 10%
2501		0805 X7R 25V 100nF 10%
2601	4822 124 80453	Elcap 100µF 20% 10V
2602		22nF 10% X7R 0805
2603	4822 124 80453	Elcap 100µF 20% 10V
2605	4822 124 80453	Elcap 100µF 20% 10V
2606		22nF 10% X7R 0805

3000		0805 RC11 4k7 5%
3001		0805 RC11 100k 5%
3002		0805 RC11 22Ω 5%
3003		0805 RC11 22Ω 5%
3004		0805 RC11 100Ω 5%
3005		0805 RC12H 12k 1%
3006		0805 RC11 100Ω 5%
3007		0805 RC11 1k 5%
3008		0805 RC12H 24k 1%
3009		0805 RC12H 30k 1%
3010		0805 RC12H 2k2 1%
3011		0805 RC11 27k 5%
3012		0805 RC11 220k 5%
3013		0805 RC11 82k 5%
3014		0805 RC11 4Ω7 5%
3015		0805 RC11 10k 5%
3016		0805 RC11 22Ω 5%
3017		0805 RC12H 18k 1%
3018		0805 RC12H 12k 1%
3019		0805 RC11 22Ω 5%
3020		0805 RC12H 24k 1%
3021		0805 RC11 5k6 5%
3022		0805 RC11 22k 5%
3100		0805 RC11 4Ω7 5%
3101		1206 MPC01 5k6 1%
3102		MET FLM MRS25 2Ω20 1%
3103		1206 MPC01 5k6 1%
3104		0805 RC11 82Ω 5%
3105		1206 MPC01 5k6 1%
3106		0805 RC11 22Ω 5%
3107		1206 MPC01 5k6 1%
3108		0805 RC11 150k 5%
3109		0805 RC12H 18k 1%
3110		0805 RC12H 1k3 1%
3111		0805 RC11 10k 5%
3112		0805 RC11 220k 5%
3113		0805 RC11 22k 5%
3114		0805 RC12H 47k 1%
3115		0805 RC12H 18k 1%
3116		0805 RC11 22k 5%
3117		0805 RC11 47k 5%
3118		0805 RC11 2k2 5%
3119		0805 RC11 3k3 5%
3120		0805 RC11 10k 5%
3121		0805 RC11 10k 5%
3200		0805 RC11 22k 5%
3201		0805 RC11 22k 5%
3202		0805 RC11 47k 5%
3204		0805 RC11 1M 5%
3205		0805 RC11 4Ω7 5%
3300		0805 RC11 2k2 5%
3301		0805 RC11 22k 5%

CD BOARD

3302		0805 RC11 22k 5%
3303		0805 RC11 4Ω7 5%
3304		0805 RC11 2k2 5%
3305		0805 RC11 4Ω7 5%
3306		1206 Jumper 0Ω
3311		0805 RC11 1M 5%
3312		0805 RC11 47k 5%
3313		0805 RC11 1k8 5%
3314		0805 RC11 1k8 5%
3319		0805 RC11 22Ω 5%
3320		0805 RC11 47k 5%
3323		0805 RC11 100k 5%
3325		0805 RC11 22Ω 5%
3326		0805 RC11 22Ω 5%
3327		0805 RC11 1k 5%
3328		0805 RC11 1k 5%
3329		0805 RC12H 30k 1%
3330		0805 RC12H 30k 1%
3331		0805 RC12H 30k 1%
3332		0805 RC12H 30k 1%
3333		0805 RC11 10k 5%
3334		0805 RC11 100k 5%
3335		0805 RC11 100k 5%
3336		0805 RC11 47k 5%
3400		0805 RC11 150k 5%
3401		0805 RC12H 5k6 1%
3402		0805 RC12H 6k8 1%
3403		0805 RC12H 1k 1%
3404	4822 116 30426	NTC 4k7 3% 0.1W
3500		0805 RC11 4k7 5%
3501		0805 RC11 1k 5%
3502		0805 RC11 4k7 5%
3503		1206 Jumper 0Ω
3504		0805 RC11 22Ω 5%
3505		0805 RC11 22Ω 5%
3506		0805 RC11 4k7 5%
3507		0805 RC11 4k7 5%
3508		0805 RC11 2k2 5%
3509		0805 RC11 5k6 5%
3511		0805 RC11 3Ω3 5%
3512		0805 RC11 10k 5%
3513		0805 RC11 10k 5%
3514		0805 RC11 330k 5%
3515		0805 RC11 330k 5%
3517		0805 RC11 47Ω 5%
3601		0805 RC11 3k3 5%
3603		0805 RC11 4Ω7 5%
3605		0805 RC11 3k3 5%

6100	5322 130 31928	BAS16
6200	5322 130 31928	BAS16
6501	5322 130 34337	BAV99
6502	5322 130 34337	BAV99
6601	5322 130 33671	BZX84-C6V2
6602	5322 130 80255	BZX84-C8V2

7000	4822 209 30146	L2722
7001	4822 209 73234	TDA8808T/C3
7003	4822 130 44257	BC547
7100	4822 209 62059	TCA0372DP1
7101	4822 209 31973	TDA8809T/C2/S1/13
7102	4822 130 42705	BC847
7103	5322 130 41983	BC858B
7201	4822 209 32889	MC68HC05C8CFB
7202	5322 209 14481	HEF4053BT
7302	4822 209 30388	SAA7341GP
7303	4822 209 32892	MSM5165ALP-85GS-K
7304	4822 209 30146	L2722
7305	5322 130 41983	BC858B
7306	4822 209 83163	LM833N
7400	4822 209 32894	LM258D
7500	4822 209 30146	L2722

Note : Service Code are not listed here for standard component, please refer to Components catalogue from Philips Consumer Service.